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HAND BOOK  
OF THE  
NORTH CAROLINA STATE MUSEUM,

GIVING THE  
NAMES AND LOCALITIES OF ALL SPECIMENS.

ISSUED BY THE  
STATE BOARD OF AGRICULTURE,  
RALEIGH.

H. H. BRIMLEY, CURATOR,  
J. A. HOLMES, STATE GEOLOGIST,  
T. K. BRUNER, SECRETARY,  
*Custodians.*

WINSTON :  
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1897.



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#### PREFATORY.

The constant demand from specially interested visitors—those who use the Museum as a guide in searching out special features of the State's resources—has induced the issuing of this little guide book. While it only supplies the names and localities of all the specimens exhibited up to January 1st, 1897, it will greatly facilitate the intelligent visitor in finding what he wants to see.

The details of information may be supplied from the publications of the Department of Agriculture, or the Geological Survey, or by the Commissioner of Agriculture, the Curator or the Custodians of the Museum.

The cases are all numbered, and the specimens in each case are indicated under the number, making a very simple index to the whole collection.

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IRON ORES, COAL AND GRAPHITE.

CASES 1 TO 5 INCLUSIVE.

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## IRON ORES.

## CASE I.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Magnetite,	Ashe,	Lansing.
	Magnetite,	Ashe,	Berlin.
	Magnetite,	Ashe,	Helton.
	Magnetite,	Ashe,	Silas Creek.
	Magnetite,	Ashe,	Crumpler.
	Magnetite,	Ashe,	Bristol.
	Magnetite,	Ashe,	Sturgill.
	Magnetite,	Ashe,	N. Fork New River.
	Magnetite,	Ashe,	Bernice.
	Magnetite,	Ashe,	Poison Branch.
	Magnetite,	Ashe,	Clifton.
	Magnetite,	Gaston,	High Shoals.
	Magnetite,	Ashe,	Borden.
	Magnetite,	Ashe,	Jefferson.
346	(Pyrite decomposing)	Ashe,	Near Jefferson.
2053	Magnetite,	Ashe,	Horse Creek.
2026	Magnetite,	Ashe,	Helton.
342	Magnetite,	Ashe,	9 mls. from Jefferson.
350	Magnetite,	Ashe,	Horse Creek.
2017	Magnetite,	Ashe,	Little Helton Creek.
2007	Magnetite,	Ashe,	Piney Creek.
2023	Magnetite,	Ashe,	Little Helton Creek.
347	Magnetite,	Ashe,	Near Jefferson.
2028	Magnetite,	Ashe,	Poison Branch.
2046	Magnetite,	Ashe,	N. Fork New River.
345	Magnetite with Pyrite,	Ashe,	Near Jefferson.
467	Magnetite,	Ashe,	Horse Creek.
344	Magnetite,	Ashe,	Helton Creek.
351	Magnetite,	Ashe,	Horse Creek.
349	Magnetite,	Ashe,	N. Fork New River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
375	Magnetite in Hornblende,	Ashe,	Horse Creek.
934	Magnetite,	Catawba,	Powers' Ore Bank.
2134	Magnetite,	Alleghany,	Mouth of Wilson (Va., P. O.)
2135	Magnetite,	Alleghany,	Mouth of Wilson (Va., P. O.)
11	Magnetite,	Buncombe,	Fairview.
54	Magnetite in Hornblende,	Buncombe,	Turkey Creek.
60	Magnetite,	Burke,	Morganton.
—	Magnetite,	Buncombe,	Alexander.
2084	Magnetite,	Buncombe,	Alexander.
294	Magnetite,	Beaufort,	Pungo River.
67	Magnetite,	Burke,	South Mountain.
59	Magnetite,	Burke,	Steel Creek.
2118	Magnetite,	Caldwell,	Patterson.
2119	Magnetite,	Caldwell,	Patterson.
339	Magnetite,	Caldwell,	Patterson.
332	Magnetite,	Caldwell,	Near Lenoir.
335	Magnetite,	Caldwell,	Warrior Creek.
334	Magnetite,	Caldwell,	Duggers Ridge.
337	Magnetite,	Caldwell,	Patterson.
361	Magnetite,	Catawba,	Forney Mine.
358	Magnetite,	Catawba,	Catawba Station.
352	Magnetite,	Catawba,	Powell's Ore Bank.
251	Magnetite,	Catawba,	Powell's Ore Bank.
133	Magnetite,	Catawba,	Powell's Ore Bank.
254	Magnetite,	Catawba,	Powell's Ore Bank.
255	Magnetite,	Catawba,	Powell's Ore Bank.
257	Magnetite and Gneiss,	Catawba,	Powell's Ore Bank.
365	Magnetite,	Catawba,	Newton.
357	Magnetite,	Catawba,	Anderson Mountain.
485	Magnetite,	Davie,	
2127	Magnetite,	Davie,	Mocksville.
380	Magnetite,	Forsyth,	Freedburg.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2031	Magnetite,	Forsyth,	Winston.
379	Magnetite,	Forsyth,	near Salem.
1323	Magnetite in Syenite,	Chatham,	near Alamance line.
93	Magnetite,	Chatham,	Snipe's Ore Bank.
192	Magnetite,	Chatham,	Buckhorn.
181	Magnetite with Hematite,	Chatham,	Buckhorn.
1323	Magnetite stained with Agurite,	Chatham,	near Alamance line.
298	Magnetite,	Chatham,	Buckhorn.
435	Magnetite,	Chatham,	Douglass Mine.
182	Magnetite with Muscovite,	Chatham,	Buckhorn.
	Pig Iron,	Chatham,	Sapona Furnace.
366	Magnetite,	Catawba,	Newton.
2113	Magnetite,	Catawba,	Newton.
362	Magnetite,	Catawba,	Newton.
353	Magnetite,	Catawba,	Forney Mine.
376	Magnetite,	Catawba,	Forney Mine.
358	Magnetite,	Catawba,	Catawba Station.
356	Magnetite,	Catawba,	
364	Magnetite,	Catawba,	Barringer Mine.
466	Magnetite,	Catawba,	Forney Mine.
368	Magnetite,	Catawba,	near Hickory.
367	Magnetite,	Catawba,	near Hickory.
363	Magnetite,	Catawba,	Forney Mine.
252	Magnetite in Hornblende Gneiss,	Catawba,	Powell's Ore Bank.
2075	Greenstone Breccia,	Chatham,	Clegg Mine.
40	Magnetite,	Cabarrus,	near Concord.
20	Magnetite,	Cabarrus,	Harrisburg.
392	Magnetite with Actinolite,	Gaston,	Ellison's Ore Bank.
421	Magnetite,	Gaston,	Sledge Vein.
387	Magnetite,	Gaston,	Kings Mt. Mine.
404	Magnetite,	Gaston,	Nr. Ellison's Ore.Bk.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
388	Magnetite,	Gaston,	Nr. Ellison's Ore Bk.
415	Magnetite with Hydromicaceous Schist,	Gaston,	Nr. Ellison's Ore Bk.
401	Magnetite with Hydromicaceous Schist,	Gaston,	Nr. Ellison's Ore Bk.
402	Magnetite with Hydromicaceous Schist,	Gaston,	Nr. Ellison's Ore Bk.
385	Magnetite,	Gaston,	Ormond Mine.
476	Magnetite.	Gaston,	King's Mountain.
390	Magnetite in Tale,	Gaston,	Lee Ore Bed.
386	Magnetite,	Gaston,	Ormond Ore Bank.
409	Magnetite,	Gaston,	Ellison's Ore Bank.
405	Magnetite in Gneiss,	Gaston,	Lee Ore Bank.
476	Magnetite,	Gaston,	King's Mountain.
411	Magnetite in Hydromicaceous Schist,	Gaston,	Ellison's Ore Bank.
414	Magnetite in Gneiss,	Gaston,	Crowder's Mountain.
384	Magnetite,	Gaston,	Costner's Ore Bank.
383	Magnetite,	Gaston,	Ormond Ore Bank.
199	Magnetite,	Gaston,	Ellison's Ore Bank.
403	Magnetite, B Magnetite,	Gaston, Granville,	Ellison's Ore Bank. Adoniram.
114	Magnetite,	Guilford,	Brown's Summit.
480	Magnetite,	Guilford,	Friendship Mine.
80	Magnetite,	Guilford,	Tuscarora.
16	Magnetite, Magnetite,	Guilford,	Tuscarora.
	Magnetite with Tale,	Guilford,	Brown Summit.
	Magnetite,	Guilford,	Near Greensboro.
481	Magnetite, coarse Talcose,	Guilford,	Brown Summit.
	Magnetite,	Guilford,	Near Greensboro.
394	Magnetite.	Gaston,	Summit.
413	Magnetite, in Silicious Schist,	Gaston,	Yellow Ridge O. Bed.
422	Magnetite,	Gaston.	Silver Mt. Ore Bank.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
200	Magnetite,	Gaston,	Ellison Ore Bank.
400	Magnetite,	Gaston,	Ellison Ore Bank.
420	Magnetite, in Gneiss,	Gaston,	Lee Ore Bed.
412	Magnetite,	Gaston,	Ellison Ore Bank.
	Magnetite,	Gaston,	High Shoals.
391	Magnetite,	Gaston,	Costner Ore Bank.
399	Magnetite,	Gaston,	King's Mt. Mine.
	Magnetite,	Gaston,	Yellow Ridge Mine.
	Magnetite,	Gaston,	King's Mountain.
50	Magnetite,	Haywood,	Sam's Mine.
7	Magnetite,	Haywood,	Chestnut Mountain.
4	Magnetite,	Haywood,	Chestnut Mountain.
155	Magnetite,	Halifax,	Near Gaston.
3560	Magnetite, Pyrrhotine,	Haywood,	W. Fork Pigeon R.
46	Magnetite,	Haywood,	Noland's Mine.
68	Magnetite,	Halifax,	Near Gaston.
9	Magnetite,	Halifax,	Near Gaston.
61	Magnetite,	Halifax,	Gaston.
28	Mag., Red Hematite,	Halifax,	Near Gaston.
418	Magnetite,	Halifax,	Gaston.
66	Magnetite Hematite,	Halifax,	Near Gaston.
32	Magnetite,	Halifax,	P. R. Hines.
233	Magnetite,	Harnett,	Douglass Mine.
163	Magnetite in Gneiss,	Harnett,	Douglass Mine.
	M'g'tite, conglomerate.	Harnett,	Troyville.
164	Magnetite,	Harnett,	Buckhorn.
168	Grey Metallic Iron,		
	in Mica,	Harnett,	Buckhorn Furnace.
165	Magnetite, in Mica,	Harnett,	Douglass Mine.
212	Magnetite, in Mica,	Harnett,	Douglass Mine.
113	Magnetite,	Johnston,	Near Smithfield.
	Magnetite,	Stokes,	Near Danbury.
	Magnetite,	Chatham,	Ore Hill.
	Magnetite,	Madison,	Ivy Mine.
	Iron Ore,	Guilford,	Tuscarora Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Spathic Iron,	Cabarrus,	Cosby Mine.
25	Magnetite,	Iredell,	W. E. Hyams.

## CASE II.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Magnetite,	Guilford,	Shaw Mine, Summit.
2143	Magnetite,	Mitchell,	Cranberry Mine.
	Magnetite,	Surry.	
2119	Magnetite,	Stokes,	Roger's Mine.
	Iron Ore,	Catawba,	Forney Mine.
	Magnetite,	Gaston,	Crowder's Mountain.
	Magnetite,	Caldwell.	
	Magnetite,	Caswell,	Leesburg.
	Magnetite,	Gaston,	King's Mountain.
	Magnetite,	Mitchell,	Big Rock Creek.
318	Magnetite,	Mitchell,	Cranberry Mine.
31	Magnetite,	Lincoln.	
451	Magnetite,	Lincoln,	Big Ore Bank.
209	Magnetite,	Lincoln,	Robinson's Ore B'k.
207	Magnetite,	Lincoln,	Morrison Ore Bank.
449	Magnetite,	Lincoln,	Big Ore Bank.
441	Magnetite, Black Ore,	Lincoln,	Big Ore Bank.
446	Magnetite in Gneiss,	Lincoln,	Furnace Vein.
205	Magnetite,	Lincoln,	Big Ore Bank.
444	Mag., Gneiss, Bl'k Ore,	Lincoln,	Furnace Vein.
440	Magnetite, Black Ore,	Lincoln,	Big Ore Bank.
455	Mag., Chloritic Schist,	Lincoln,	Big Ore Bank.
112	Magnetite,	Lincoln,	Big Ore Bank.
210	Magnetite,	Lincoln,	Furnace Vein.
208	Magnetite,	Lincoln,	Morrison's Bank.
206	Mag. Hem. Gray Ore,	Lincoln,	Big Ore Bank.
463	Magnetite,	Lincoln,	Big Ore Bank.
204	Magnctite,	Lincoln,	Big Ore Bank.
439	Magnetite, Red Ore,	Lincoln,	Big Ore Bank.

NO	SPECIMEN.	COUNTY.	LOCALITY.
450	Magnetite,	Lincoln,	Morrison Ore Bank.
442	Mag. in Seliceous Schist,	Lincoln,	Morrison Ore Bank.
458	Magnetite,	Lincoln,	Furnace Vein.
250	Magnetite,	Lincoln,	Big Ore Bank.
7011	Pig Iron No. 2,	Mitchell,	Cranberry Mine.
7010	Pig Iron No. 1,	Mitchell,	Cranberry Mine.
5190	{ Magnetite Con. Passing over $\frac{7}{8}$ th	Mitchell,	Cranberry Mine.
G.S.2148	{ Screen,	Mitchell,	Cranberry Mine.
5193	{ Magnetite from	Mitchell,	Cranberry Mine.
G.S.2147	{ crusher,	Mitchell,	Cranberry Mine.
5191	{ Magnetite Con. Passing through $\frac{7}{8}$ th	Mitchell,	Cranberry Mine.
G.S.2149	{ Screen,	Mitchell,	Cranberry Mine.
5184	{ Magnetite Tailings from	Mitchell,	Cranberry Mine.
G.S.2150	{ 1st Set Magnets,	Mitchell,	Cranberry Mine.
5188	{ Furnace Cinder,	Mitchell,	Cranberry Mine.
G.S.2155	{		
5195	{ Gangue Rock,	Mitchell,	Cranberry Mine.
G.S.2144	{		
5164	{ Magnetite,	Mitchell,	Cranberry Mine.
M.438	{		
5148	{ Magnetite,	Mitchell,	Cranberry Mine.
M.452	{		
5165	{		
M.462	{ Pig Iron Charcoal,	Mitchell,	Cranberry Mine.
from 438	{		
5163	{ Magnetite,	Lincoln,	Iron Station.
G.S.2102	{		
5149	{ Magnetite,	Lincoln,	Orleans.
G.S.2090	{		
5196	{ Magnetite		
G.S.2144	{ Gangue Rock,	Mitchell,	Cranberry Mine.
5183	{ Con. from		
G.S.2151	{ 1st Set Magnets,	Mitchell,	Cranberry Mine.
5185	{ Magnetite Con.		
G.S.2152	{ Fine No. 1,	Mitchell,	Cranberry Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
5186	Magnetite Con.		
G.S.2153	Fine No. 2,	Mitchell,	Cranberry Mine.
5187	Magnetite, Tailings		
G.S.2154	1 and 2 Fine Con.,	Mitchell,	Cranberry Mine.
5207	Magnetite,	Mitchell,	Cranberry Mine.
M.319			
5197	Magnetite		
G.S.2143	(run of Mine)	Mitchell,	Cranberry Mine.
5206	Magnetite,	Mitchell,	Big Yellow Mount'n.
G.S.2163			
5199	Magnetite,	Mitchell,	Cranberry Mine.
G.S.2143			
5198	Magnetite with		
G.S.2142	Calcite,	Mitchell,	Cranberry Mine.
5208	Magnetite,	Mitchell,	Cranberry Mine.
M.312			
5204	Magnetite,	Mitchell,	Grassy Creek.
G.S.2174			
5202	Magnetite,	Mitchell,	Little Rock Creek.
G.S.2171			
5203	Magnetite,	Mitchell,	Pumpkin Patch
G.S.2170			Mountain.
5205	Magnetite,	Mitchell,	Pumpkin Patch
M.326			Mountain.
5216	Magnetite,	Stokes,	Soapstone Ore Bank.
G.S.2218			
5213	Magnetite,	Stokes,	School-house Ridge.
G.S.2215			
5214	Magnetite,	Stokes,	Fagg Place.
G.S.2220			
5156	Magnetite,	Stokes,	Doublehead Creek,
G.S.2221			Brown Mountain.
5215	Magnetite,	Stokes,	School-house Ridge.
G.S.2216			
5211	Magnetite,	Stokes,	Rogers Ore Bank.
G.S.2219			
5214	Magnetite		
G.S.2216	Gangue Rock,	Stokes,	Schoolhouse Ridge.
5210	Magnetite,	Stokes,	Rogers Ore Bank.
G.S.2219			

NO.	SPECIMEN.	COUNTY.	LOCALITY.
5200 G.S. 2186	Magnetite,	Macon,	Culasagee Creek.
5209 G.S. 2191	Magnetite,	Macon,	Cartoogajay Creek.
5212 G. S. —	Magnetite,	Stokes,	Rogers Ore Bank.
5154 G.S. 2220	Magnetite,	Stokes,	Isaac Fagg Bank.
5151 G.S. 2222	Magnetite,	Surry,	Rockford.
5150 G.S. 2223	Magnetite,	Surry,	Rockford.
448	Magnetite,	Lincoln,	Big Ore Bank.
453	Magnetite,	Lincoln,	Big Ore Bank.
443	Magnetite Red Ore,	Lincoln,	Robinson's Ore B'k.
459	Magnetite,	Lincoln,	Big Ore Bank.
328	Magnetite,	Mitchell,	Cranberry.
243	Magnetite with Garnet,	Mitchell,	Cranberry.
246	Magnetite,	Mitchell,	Cranberry Ore Bed.
317	Magnetite,	Mitchell,	
314	Magnetite,	Mitchell,	
324	Magnetite,	Mitchell,	
323	Magnetite,	Mitchell,	Cranberry.
320	Magnetite,	Mitchell,	Flat Rock.
325	Magnetite,	Mitchell,	Cranberry.
131	Magnetite,	Madison,	Ivy Creek.
63	Magnetite,	Madison,	Bear Creek.
1331	Iron Ore,	Madison,	Freeman,
116	Magnetite,	Madison,	Redman Mine.
203	Magnetite,	Madison,	Ivy Mine.
130	Magnetite,	Madison,	Woody.
147	Magnetite,	Madison,	Ivy Creek.
49	Magnetite,	Madison,	near Price's Store.
203	Magnetite,	Madison,	Ivy.
G.S. 2218	Magnetite,	Stokes,	Danbury.
31	Magnetite,	Rockin'h'm,	Shaw's Mine.
259	Magnetite,	Person,	Hico.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
201	Magnetite,	Rockingham.	
266	Magnetite,	Person,	Col. Cunningham's
264	Magnetite,	Person,	Col. Cunningham's.
267	Magnetite Titanic,	Person,	Col. Cunningham's.
286	Magnetite,	Orange,	near Chapel Hill.
261	Magnetite,	Person,	Col. Cunningham's.
287	Magnetite,	Orange,	Phillips' Creek.
278	Magnetite,	Orange,	(J. Woods.)
123	Magnetite,	Macon,	
236	Magnetite,	Macon,	
38	Magnetite,		North'mpton, Gaston.
5	Magnetite,	Madison,	
272	Magnetite,	M'ekl'n'b'g,	Jas. H. Davis.
4132	Magnetite,	Stokes,	Rogers Ore Bank.
75	Magnetite,	Stokes,	Heck's Mine
4128	Magnetite,	Stokes,	Rogers Ore Bank.
37	Magnetite,	Stokes,	Rogers Ore Bank.
4127	Magnetite,	Stokes,	Rogers Ore Bank.
52	Magnetite,	Stokes,	Rogers Ore Bank,
1	Magnetite,	Stokes,	Near Danbury.
4129	Magnetite,	Stokes,	Rogers Ore Bank.
39	Magnetite,	Stokes,	Kiser Ore Bank.
	Iron Ore,	Stokes,	Heck's Mine.
4141	Magnetite,	Stokes,	Pepper Ore Bank.
41	Magnetite,	Stokes,	Near R'g'rs Ore B'k.
73	Magnetite,	Stokes,	Near R'g'rs Ore B'k.
139	Magnetite,	Surry,	Near W'ms Ore B'k.
74	Magnetite,	Surry,	Near Dobson.
140	Magnetite,	Surry,	Toms Creek.
45	Magnetite,	Surry,	Hyatts Ore Bank.
3	Magnetite,	Surry,	Toms Creek.
157	Magnetite,	Warren,	
138	Magnetite,	Surry,	Near Rockford.
4181	Magnetite,	Wake,	Near Forestville.
469	Magnetite Talc,	Surry,	Near Dobson.
137	Magnetite,	Surry,	Toms Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Iron Ore,	Wake,	Wake Forest.
42	Magnetite,	Watauga,	Boone.
68 311	Magnetite,	Watauga,	Rich Mountain.
197	Magnetite,	Wake,	Holly Springs.
159	Magnetite,	Warren,	Macon.
158	Magnetite,	Warren,	Macon.
2	Magnetite,	Watanga,	Cove Creek.
58	Magnetite,	Yadkin,	East Bend.
143	Magnetite,	Yadkin,	Hobson Ore Bank.
4180	Magnetite,	Wake,	Near Forestville.
	Magnetite,	Caswell,	Leasburg.
	Magnetite,	Gaston,	Mountain Mine.
	Magnetite,	Guilford,	Summit.
1098	Magnetite,	Macon,	Cartoogajay Creek.
490	Metallic Iron,	Mitchell,	Cranberry.
	Iron Bar Forged,	Mitchell,	Cranberry.
R. & D.	Hematite,	Randolph,	
4099	Hematite,	Richmond,	R. R. Cuts, Comm'n.
4100	Hematite,	Richmond,	Rockingham.
4560	Hematite, Mica Iron,	Chatham,	Near Pittsboro.
182	Iron Ore,	Chatham,	
	Hematite, (Spec.),	Forsyth,	Near Salem.
205	Hematite Iron Ore,	Chatham,	Near Endor.
4561	Hematite,	Chatham,	Near Pittsboro.
7203	Limonite,	Gaston,	Bessemer Min'g Co.
	Iron Ore,	Orange,	Chapel Hill.
169	Iron Bean Gneiss,	Harnett,	Near Buckhorn.
33	Hematite,	Watanga,	Bull Ruffin.
293	Iron Sand,	Brunswick,	Lake Waccamaw Bottoms.
235	Hematite,	Burke,	Near Piedm't Sp'gs.
28	Hematite, Impure,	Burke,	Near Morganton.
299	Hematite, Red Ochre,	Chatham,	Buckhorn Mine.
193	Hematite,	Chatham,	Buckhorn Mine.
307	Hematite,	Chatham,	Near Randolph line.
112	Hematite,	Chatham,	Ore Hill.

## CASE III.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
105	Hematite,	Chatham,	Evans Mine.
144	Hematite,	Chatham,	Buckhorn Mine.
293	Hematite,	Chatham,	Ore Hill.
296	Hematite,	Chatham,	Farrington's Mills.
309	Hematite, Red Ochre,	Chatham,	Buckhorn Mine.
178	Hematite,	Chatham,	Near Lockville.
211	Hematite,	Chatham,	Buckhorn Mine.
109	Hematite,	Chatham,	Pittsboro.
171	Hematite,	Chatham,	Pittsboro.
177	Hematite,	Chatham,	Evan's Ore Bed.
102	Hematite,	Chatham,	Ore Hill.
111	Hematite,	Chatham,	Ore Hill.
176	Hematite,	Chatham,	Near Gulf.
48	Hematite,	Cabarrus,	House Mill.
161	Hematite,	Caswell,	Prospect Hill.
333	Hematite,	Caldwell,	Bull Ruffin.
727	Hematite,	Caldwell,	Richlands.
726	Hematite,	Caldwell,	Richlands.
23	Hematite, Red Ochre,	Buncombe,	Swannanoa Gap.
117	Hematite,	Buncombe,	Radford.
160	Hematite,	Alamance,	Gibsonville.
244	Hematite,	Alamance,	Swepson's Factory.
	Hematite, Special,	Ashe,	Thaxton.
343	Hematite,	Ashe,	
436	Magnetite and Hematite,	Chatham,	Douglass Mine.
477	Hematite,	Chatham,	Buckhorn Mine.
247	Hematite,	Chatham,	Haywood.
87	Hematite,	Chatham,	Ore Hill.
305	Hematite,	Chatham,	Douglass Mine.
304	Hematite,	Chatham,	Rocky River.
172	Hematite,	Chatham,	Mud Lick.
145	Hematite,	Chatham,	near Lockville.
248	Hematite,	Chatham,	Douglass Mine.
101	Hematite,	Chatham,	Ore Hill.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3416	Metallic Iron, Iron Ore,	Chatham,	Endor Furnace.
122	Hematite,	Chatham,	Buckhorn.
85	Hematite,	Chatham,	near Haywood.
310	Hematite,	Chatham,	Doubs Mills.
175	Hematite,	Chatham,	Douglass Mine.
300	Hematite,	Chatham,	Brewer Mine.
103	Hematite,	Chatham,	McIver Mine.
110	Hematite,	Chatham,	Sandy Run Creek.
108	Hematite,	Chatham,	Pittsboro road.
610 187	Iron Ore,	Chatham,	near Egypt.
124	Hematite,	Chatham,	Buckhorn.
339	Hematite,	Chatham,	Ore Hill.
178	Hematite,	Chatham,	Kelly's.
294	Metallic Iron,	Chatham,	Powell's Foundry.
214	Spiegel Isen, Pig Iron,	Chatham,	Buckhorn.
228	Hematite,	Henderson,	
153	Hematite,	Henderson,	
167	Hematite, Red Ochre,	Harnett,	Buckhorn Mine.
27	Hematite,	Halifax,	
468	Hematite,	Halifax,	Hecks Mine.
22	Hematite, Hematite, Red Ochre,	Halifax,	Weldon.
55	Hematite,	Halifax,	Ringwood.
10	Hematite,	Halifax,	P. R. Hines.
5162	{ Hematite,	Harnett,	Douglass Mine.
M. 487	{ Hematite,	Harnett,	
232	Hematite,	Harnett,	Buckhorn.
166	Hematite,	Harnett,	Buckhorn.
M. 483	Hematite,	Granville,	Townsville.
195	Hematite,	Harnett,	Douglass Mine.
167	Hematite, Red Ochre, Hematite,	Harnett,	Buckhorn Mine.
2084(d)	Red Hematite,	Granville,	Knap of Reeds.
156	Hematite,	Granville,	Seth.
		Granville,	Tunstall's Mills.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Iron Ore,	Granville,	Knap of Reeds.
	Hematite,	Granville,	Adouiram.
2084(e)	Hematite,	Granville,	Grassy Creek.
	5177 } Limonite,	Cherokee,	Valley River.
G.s.2211 }	Hematite,	Granville,	Knap of Reeds.
	381 Hematite,	Forsyth,	near Salem.
	5171 } Black Powder Ore,	Gaston,	Bessimer Mfg. Co.
G.s.2224 }	395 Hematite,	Gaston,	Crowder's Mountain.
	416 Hematite,	Gaston,	Ormond Ore Bank.
	419 Hematite,	Gaston,	Ellison Ore Bank.
	Hematite,	Gaston,	Little Mt. Mine.
	5159 } Hematite,	Granville,	Seth.
G.s.2084(d)	14 Hematite,	Gaston,	
	224 Hematite,	Franklin,	Franklinton.
M.382	Hematite,	Forsyth,	near Salem.
M.33	Hematite,	Davidson,	Courad Hill.
	276 Hematite,	Durham,	Red Mountain.
	277 Hematite,	Durham,	Red Mountain.
	Iron Ore,	Johnston,	Selma.
3870	Hematite,	Jackson,	Hogback Valley.
	188 Hematite,	Lincoln,	
2187	Hematite,	Macon,	Hickory Knoll Cr'k.
	426 Hematite,	Moore,	Crawley Creek.
2188	Hematite,	Macon,	Hickory Knoll Cr'k.
	179 Hematite,	Macon,	
	Iron Ore,	Moore,	Horners.
	225 Hematite,	Macon,	Near Franklin.
4064	Hematite,	McDowell,	Linville Mountain.
	429 Hematite,	Moore,	
	223 Hematite,	Moore,	near Jonesboro.
	464 Hematite,	Moore,	Anderson.
433	Hematite Kidney Ore,	Moore,	near Carthage.
430	Hematite,	Moore,	Cotton Patch Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2165	Hematite Red,	Mitchell,	Henson's Creek.
427	Hematite,	Moore,	near Carthage.
331	Hematite,	Mitchell,	Gillespie Gap.
322	Hematite,	Mitchell,	Flat Rock.
329	Hematite,	Mitchell,	
152	Hematite,	Mitchell,	Big Rock Creek.
313	Hematite,	Mitchell,	Flat Rock.
327	Hematite,	Mitchell,	Flat Rock.
274	Hematite,	Mecklenburg,	
5160	{ Hematite,	Mitchell,	Bald Mountain.
g.s.2177			
271	Hematite,	Mecklenb'g,	Van Pelt.
268	Hematite,	Mecklenb'g,	nr Davidson College.
269	Hematite,	Mecklenb'g,	nr Davidson College.
273	Hematite,	Mecklenb'g,	
270	Hematite,	Mecklenb'g,	near Charlotte.
2160	Hematite,	Watauga,	Big Ridge Mine.
4198	Hematite,	Watauga,	Cooke's Gap.
	Hematite,	Watauga,	Blowing Rock.
g.s.2140 (a)	Quartz Schist,	Watauga,	Bull Ruffin.
d-7-1	Iron Ore,	Watauga,	Cooke's Gap.
234	Hematite,	Wilkes,	Near Trap Hill.
g.s.2140	{ Hematite,	Watauga,	Bull Ruffin Mine,
5157			
5161	{ Hematite,	Watauga,	Big Ridge Mine.
g.s.2162			
	Iron Sand,	Wake,	Raleigh.
135	Hematite,	Wake,	Near Raleigh.
198	Hematite,	Wake,	Near Raleigh.
150	Hematite,	Watauga,	Duggan's Ridge.
5159	Hematite,	Vance,	Townsville.
	Hematite,	Surry,	Mount Airy.
	Manganese and Iron,	Stokes,	Walnut Cove.
126	Hematite,	Rockin'h'm,	Near Factory.
154	Hematite,	Rockin'h'm,	Near Factory.
	Hematite,	Surry,	Mount Airy.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Hematite,	Randolph,	Franklinsville.
R & D	Hematite,	Randolph,	Deep River Mine.
4099	Hematite,	Richmond,	Railroad Cuts.
265	Hematite,	Person,	Mt. Tirzah Mine.
263	Hematite,	Person,	Mt. Tirzah Mine.
262	Hematite,	Person,	Mill Creek.
289	Hematite,	Orange,	Chapel Hill.
279	Hematite,	Orange.	
285	Hematite,	Orange,	Hillsboro.
281	Hematite,	Orange,	Hillsboro.
280	Hematite,	Orange,	Chapel Hill.
283	Hematite,	Orange,	Hillsboro.
282	Hematite,	Orange,	Near Chapel Hill.
288	Hematite,	Orange,	Near Hillsboro.
R & D	Hematite,	Orange,	Chapel Hill Mine.
290	Hematite,	Orange,	Collin's Creek.
284	Hematite,	Orange,	Chapel Hill.
62	Hematite,	Madison,	Sikes' Mine.
81	Hematite,	Madison,	Near Marshall.
71	Hematite,	Madison,	Near Hot Springs.
472	Hematite,	Madison,	Near Marshall.
5179	{ Limonite,	Cherokee,	Near Murphy.
G.s.2205		Madison.	
	Iron Ore,	Orange,	Chapel Hill.
	Iron Ore,		

## CASE IV.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1110	Limonite,	Burke,	Piedmont Springs.
	Limonite,	Ashe,	Horse Creek Mine.
	Limonite,	Chatham,	Egypt Mine.
301	Limonite,	Chatham,	Ore Hill.
484	Limonite,	Rowan,	South'n Bell Mine.
64	Limonite,	Wake,	Cary.
369	Limonite,	McDowell,	Linville Mount'n.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
51	Limonite,	Pitt,	Greenville.
121	Limonite,	Wake,	
	Limonite,	Gaston,	Monntain Mine.
120	Limonite,	Pitt,	Tranter's Creek.
5173 396	Limonite,	Gaston,	Crowder's M't'n.
372	Limonite,	McDowell,	Linville Mount'n.
397	Limonite,	Gaston,	Costner Ore Bank.
186	Limonite,	Edgecombe,	Cokey Swamp.
	Limonite,	Ashe,	Grimley.
330	Limonite,	Mitchell,	Bakersville.
g. s. 2227	Limonite,	Chatham,	Ore Hill Mine.
308	Limonite,	Chatham,	Ore Hill Mine.
100	Limonite,	Chatham,	Near Gulf.
95	Limonite,	Chatham,	Ore Hill.
91	Limonite,	Chatham,	Ore Hill.
83	Limonite,	Chatham,	Near Jonesboro.
96	Limonite,	Chatham,	Ore Hill.
94	Limonite,	Chatham,	N'r Tysor's Mills.
86	Limonite,	Chatham,	Ore Hill.
107	Limonite,	Chatham,	Heck's Mine.
170	Limonite,	Chatham,	Near Haywood.
106	Limonite,	Chatham,	Ore Hill.
84	Limonite,	Chatham,	Near Jonesboro.
98	Limonite,	Chatham,	Near Gulf.
174	Limonite,	Chatham,	Near Egypt.
141	Limonite,	Chatham,	Ore Hill.
302	Limonite,	Chatham,	
44	Limonite,	Burke,	Bald Mountain.
17	Limonite,	Burke,	Brindletown.
63	Ochre,	Burke,	South Mountain.
47	Limonite,	Burke,	Brindletown.
	Iron Ore,	Burke,	Linville Mount'n.
151	Limonite,	Burke,	Piedmont Springs.
13	Limonite,	Burke,	Hickory.
	Limonite,	Buncombe,	Swannanoa Gap.
K 19	Limonite,	Buncombe,	Swannanoa Gap.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
19	Limonite,	Buncombe,	Near Asheville.
222	Limonite,	Anson,	Near Wadesboro.
241	Limonite,	Alamance,	N'r Swepson's Fact'y.
488	Limonite,	Alexander,	Taylorysville.
115	Limonite,	Alexander,	Rocky Creek.
	Limonite,	Ashe,	Grimleys.
	Limonite,	Ashe,	Jefferson.
	Limonite,	Ashe,	Jefferson.
4374	Limonite,	Clay,	Shooting Creek.
G.S. 2114	5175 } Limonite,	Catawba,	Hickory.
		Catawba,	Near Hickory.
M. 359	5174 } Limonite,	Catawba,	Near Hickory.
		Catawba,	Littlejohns O B'k.
354	Limonite,	Catawba,	Near Newton.
255	Limonite,	Catawba,	Littlejohns O B'k.
134	Limonite,	Catawba,	Littlejohns O B'k.
258	Limonite,	Catawba,	Littlejohns O B'k.
253	Limonite,	Catawba,	Valleytown.
34	Limonite,	Cherokee,	Martin Creek.
G.S. 2204	5180 } Limonite,	Cherokee,	Morse place,
		Cherokee,	Near Murphy's.
G.S. 2208	5181 } Limonite,	Cherokee,	Cherokee,
		Cherokee,	Valleytown.
15	Limonite,	Cherokee,	Valley River.
18	Limonite,	Cherokee,	Murphy.
2205	Limonite,	Cherokee,	Cherokee,
30	Limonite,	Cherokee,	Valleytown.
G.S. 2210	5182 } Limonite,	Cherokee,	Cherokee,
		Cherokee,	Near Murphy.
G.S. 2197	5178 } Limonite,	Cherokee,	Cherokee,
		Cherokee,	Murphy.
2203	Limonite,	Cherokee,	Valley River.
2206	Limonite,	Cherokee,	Murphy.
36	Limonite,	Cherokee,	Cherokee,
2212	Limonite,	Cherokee,	Murphy.
56	Limonite,	Cherokee,	Near Valleytown.
82	Limonite,	Cherokee,	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
5075 } 2012 }	Melaconite, etc,	Ashe,	Ore Knob Mine
5167	Pig Iron,	Chatham,	Ore Hill.
5166 } G.S. 2227 }	Limonite,	Chatham,	Ore Hille.
	Iron Ore,	Chatham,	Bushwell.
142	Limonite,	Chatham,	
220	Limonite,	Chatham,	Heck's Mine.
360	Limonite,	Catawba,	Near Hickory.
355	Limonite,	Catawba,	Near Hickory.
336	Limonite,	Caldwell,	Neal Lenoir.
256	Limonite,	Catawba,	Littlejohns O B'k.
338	Limonite,	Caldwell,	
2122	Limonite,	Catawba,	Jugtown.
127	Limonite,	Cleveland,	nr Schencks F'ty,
417	Limonite,	Gaston,	Crowder's M'tn.
187	Limonite,	Edgecombe,	
2226	Limonite,	Gaston,	Bessemer City.
R.& D.	Limonite,	Gaston,	Little M'tn Mine.
398	Limonite	Gaston,	Crowder's M'tn.
7202	Limonite,	Gaston,	Little M't'n Mine.
7000	Limonite,	Gaston,	Little M't'n Mine.
237	Limonite,	Gaston,	Ormond Ore Bank.
7201	Limonite,	Gaston,	Little M't'n Mine.
7200	Limonite,	Gaston,	Bessemer City.
410	Limonite,	Gaston,	Mountain Mine.
M.408	Turgite,	Gaston,	Bessemer City.
497	Limonite,	Gaston,	Crower's M't'n.
129	Limonite,	Gaston,	Hardin Ore Bank.
231	Limonite,	Moore,	Near Sanford.
424	Limonite,	Moore,	Near Jonesboro.
431	Limonite,	Moore,	Wilcox Coal Seam.
428	Limonite,	Moore,	Henry McNeill's.
423	Limonite,	Moore,	J. C. Campbell's.
432	Limonite,	Moore,	Near Munn's.
—	Ochre,	Moore,	Near Carthage

NO.	SPECIMEN.	COUNTY.	LOCALITY.
434	Limonite,	Moore,	Near Campbell's.
315	Limonite,	Mitchell,	Bakersville.
2179	Limonite,	Mitchell,	Unaka Mountain.
2176	Limonite,	Mitchell,	Spring Creek.
321	Limonite,	Mitchell,	Near Bakersville.
456	Limonite,	Lincoln,	Furnace Vein.
457	Limonite,	Lincoln,	Big Ore Bank.
445	Limenite,	Lincoln,	Furnace Vein.
554	Limonite,	Lincoln,	Robinson's Bank.
185	Limonite,	Jackson,	Clink Nnob Nine.
148	Limonite,	Johnson,	(Dr. Lacy's).
149	Limonite,	Wake,	Nense River.
162	Limonite,	Jones,	(Foy).
227	Limonite,	Johnson,	Near Smitbfield.
65	Limonite,	Wake,	Near Neuse River.
183	Limonite,	Harnett,	Near Swann's.
189	Limonite,	Halifax,	
239	Limonite,	Henderson,	
57	Limonite,	Haywood,	Near Waynesville.
79	Limonite,	Haywood,	Waynesville.
24	Limonite,	Haywood,	Waynesville.
40	Limonite,	Halifax,	Near Gaston.
213	Limonite,	Granville,	Brownville.
—	Limonite,	Granville,	Bony Wallace.
475	Limonite,	Gaston,	King's Mouuntain.
5172	{ Limonite, G.s.2225 }	Gaston,	Ormond Mine,
5169		Gaston,	Ormond Shaft 4.
G.s.2254		Gaston,	
5170	{ Limonite, G.s.2224 }	Gaston,	Ormond Shaft 4.
406		Gaston,	Crowders's M't'n.
425	Limonite,	Moore,	Near Campbell's.
119	Limonite,	McDowell,	Lineville Mountain.
375	Limonite,	McDowell,	near Young's.
370	Limonite,	McDowell,	Lineville Mountain.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
373	Limonite,	McDowell,	near Itaco Lumite.
118	Limonite,	McDowell,	Lineville Monntain.
4063	Limonite,	McDowell,	Lineville Mountain.
4067	Limonite,	McDowell,	Peter's Cove.
4063	Limonite,	McDowell,	Lineville Monntain.
3924	Limonite,	McDowell,	Graveyard Mt.
4066	Limonite,	McDowell,	Yancey's Iron Mine.
5176 M.128	{ Limonite,	McDowell,	Linville Monntain.
374	Limonite,	McDowell,	Gillespie Ore Bank.
372	Limonite,	McDowell,	Linville Mt.
378	Limonite,	Mecklenb'rg,	near Charlotte.
371	Limonite,	McDowell,	Gillespie's Ore Bk.
133	Limonite,	Montgomery,	Qneen.
146	Limonite,	Madison,	near Hot Springs.
275	Limonite,	Mecklenb'rg.	
2189	Limonite,	Macon,	Burnington.
226	Limonite,	Polk,	Tryon.
8	Limonite,	Pitt,	Marlboro.
26	Limonite,	Nash,	near Wilson.
180	Limonite,	Rockin'h'm.	
4108	Limonite,	Rockin'h'm,	The Meadows.
	Ochre,	Roberson,	Shannon.
245	Limonite,	Stokes,	near State line.
180	Limonite,	Richmond,	Rockingham.
4112	Sulphur,	Stokes,	Danbury.
21	Limonite,	Stokes,	near Danbury.
1464	Iron Ore,	Wake,	near Forestville.
53	Limonite,	Watanga,	Cove Creek.
125	Limonite,	Wake,	near Cary.
4188	Limonite,	Wake,	near Raleigh.
72	Limonite,	Watanga,	Cook's Gap.
	Limonite,	McDowell,	Hicks Mine.
	Limonite,	Gnilford,	Friendship Mine.
303	Limonite,	Chatham,	Haywood.

## CASE V.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Black Band,	Chatham,	Gulf.
291	Siderite,	Chatham,	Gulf.
	Fe. Manganese,	Surry,	Dobson.
M.295	Black Band,	Chatham,	Gulf.
	Iron Pyrites,	Ashe,	Ore Knob.
132	Pyrite,	Madison.	
	Spathic Iron,	Davidson,	Conrad Hill.
4405	Graphite,	Johnston,	Clayton.
3572	Pyrite,	Johnston,	Elevation Township.
	Pyrite,	Johnston,	Elevation Township.
348	Pyrite,	Ashe,	Ore Knob—Jefferson.
	Pyrite,	Buncombe,	Asheville.
	Pyrite,	Ashe,	Ore Knob.
238	Pyrite,	Gaston,	(Furgeson).
	Iron Pyrites,	Mecklenb'g,	Pineville.
	Iron Pyrites,	Gaston.	
2072	Pyrite,	Chatham,	Clegg Mine.
	Black Band Ore,	Chatham.	
	Siderite,	Chatham,	Gulf.
292	Siderite,	Chatham,	Gulf.
92	Siderite,	Chatham,	Egypt.
99	Siderite,	Chatham,	Gulf.
89	Siderite,	Chatham,	Gulf.
240	Siderite,	Chatham,	Buckhorn.
88	Siderite,	Chatham,	Gulf.
478	Siderite,	Chatham,	Gulf.
173	Siderite,	Chatham,	Gulf.
M 6	Siderite,	Cabarrus,	Cosby Mine.
90	Black Band Ore,	Cabarrus,	Gulf.
230	Siderite,	Cabarrus,	Cosby Mine.
M 3392	Siderite,	Cabarrus,	Cosby Mine.
78	Siderite,	Pitt,	Marlboro.
70	Siderite,	Davidson,	Conrad Hill.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
474	Siderite,	Gaston,	Mountain Mine.
M 69	Siderite, Manganese,	Davidson,	Conrad Hill.
7001	Manganese Ore, Manganese Ore,	Buncombe,	Asheville.
7004	Manganese Ore,	Caldwell.	
7003	Manganese Ore,	Cherokee.	
7005	Manganese Ore,	Gaston,	King's Mountain.
M 3331	Manganese Ore,	Caldwell,	Baker Mine.
2096	Pyrolusite, - Manganese, Manganese, Bl'k Ox. Manganese,	Lincoln, Gaston, Surry, Madison,	Lincolnton. King's Mountain. Dobson. Hot Springs.
M 4148	Pyrolusite, Manganese,	Surry,	Dobson.
4115	Pyrolusite,	Surry,	Mt. Airy.
4176	Psilomelane, Manganese,	Stokes,	Danbury.
4125	Pyrolusite,	Wake,	near Raleigh.
216	Chromite,	Wake,	n'r Raleigh.
4206	Chromite,	Stokes,	n'r Martin's Quarry.
G.S.2181	Chromite, 136 Chromite,	Yancey,	Hampton's.
G.S.2182 A.	Chromite,	Watauga,	Cove Creek.
G.S.2142	Chromite, 3634 Chromite, 215 Chromite,	Yancey, Yancey,	Burnsville. Price's Creek.
3598	Chromite, 217 Chromite,	Watauga.	
5132 {	Chromite,	Macon,	Corundum Hill.
G.S.2181	5135 { Chromite, G.S.3056 { Chromite,	Yancey,	Hampton's.
5140 {	Chromite,	Jackson,	Elijah Creek.
G.S.2182 {	Iron,	Yancey,	Webster.
		Wake,	Mine Hill.
			Webster.
			Price's Creek.
			Wake Forest.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
218	Menaccanite,	Macon,	Cullasaja.
3626	Menaccanite, Iron Ore,	Macon, Surry,	Sugartown. Mt. Airy.
	Titanic Iron,	Surry,	Mt. Airy.
	Titanic Iron,	Surry,	Mt. Airy.
473	Menaccanite,	Wake,	Apex.
489	Menaccanite,	Wilkes,	Springfield.
196	Menaccanite,	Wake,	near Raleigh.
190	Menaccanite,	Madison,	Big Laurel.
191	Menaccanite,	Madison,	Sikes Mine.
221	Menaccanite,	Watauga,	Boone.
219	Menaccanite,	Watauga.	
229	Menaccanite,	Buncombe.	
202	Menaccanite,	Mitchell,	Flat Rock.
471	Menaccanite,	Mitchell,	near Crab Orchard.
470	Menaccanite,	Cleveland,	near Gidney.
12	Menaccanite,	Madison,	
3621	Menaccanite,	Macon,	near Cullasagee.
e.s.3092½ }	Menaccanite,	Macon,	Corundum Hill.
	Menaccanite,	Macon,	Corundum Hill.
	Spathic Iron,	Cabarrus,	Cosby Mine.
	Chromic Iron,	Jackson.	
69	Siderite, Iron Rehobath.	Davidson,	Conrad Hill.
	Graphite,	Wake.	
	Graphite,	Yancey,	Ray Mine.
	Graphite,	Wake.	
4538	Graphite,	Wake,	Tucker's Mill.
4525	Graphite,	Burke,	Morganton.
4526	Graphite,	Burke,	near Morganton.
4405	Graphite,	Johnston,	Clayton.
4524	Graphite,	Buncombe,	Asheville.
4523	Graphite,	Buncombe,	Flat Creek.
4528	Graphite,	Forsyth,	near Salem.
4527	Graphite,	Catawba,	near Hickory.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4529	Graphite,	Gaston,	King's Mountain.
4530	Graphite,	Iredell,	Rocky Creek.
4531	Graphite,	Macon,	Higdons.
	Graphite,	Polk.	
4532	Graphite,	Person,	Hico.
	Graphite,	Polk.	
4533	Graphite,	Stokes,	Dalton.
4534	Graphite,	Stokes,	Dalton.
4542	Graphite,	Yancey,	Black Mountain.
4543	Graphite,	Yancey,	Irby Mine.
	Graphite.	Wake,	near Raleigh.
	Graphite,	Wake,	near Raleigh.
4537	Graphite,	Wake,	Raleigh.
	Graphite,	Wake.	
4535	Graphite,	Wake.	
4530	Graphite,	Wake.	
4541	Graphite,	Wake,	Raleigh.
	Graphite,	Wake,	
4539	Graphite,	Wake,	Raleigh.
	Graphite,	Wake,	
	Coal,	Chatham,	Tucker's Place.
	Lignite,	Anson,	Gulf. (21) Case 6.
	Coal,	Chatham,	Boggan's Cut.
	Coal,	Chatham,	Taylor's Place.
	Coal,	Chatham,	Egypt.
4182	Lignite,	Wake,	Apex.
	Coal,	Chatham.	
	Coal,	Chatham,	near Egypt.
	Coal,	Chatham,	Egypt.
	Coal,	Chatham,	nr. Egypt—Farmville.
	Coal,	Chatham,	Egypt—Trap Rock.
	Coal,	Chatham,	Egypt.
	Coal,	Chatham,	E. side of trap rock,
			Cumnock.
	Coal,	Rockingham,	Leaksville.
3973	Lignite,	Moore,	E. of Carter's Mills.
	Coal,	Rockingham,	near Leaksville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3485	Lignite,	Edgecombe,	Marshburn's Mill.
3410	Anthracite Coal,	Chatham,	Clegg's Mine.
2851	(Coal.)		
2975	Coal.		
2967(4)	Coal.		
2972(9)	Coal.		
3313(24)	Coal.		
3315(26)	Coal.		
2969(61)	Coal.		
2850	Coal.		
	Coke,	(Wake),	Raleigh Gas Works.
	Coke,	Chatham,	Deep River.
	Coal,	Moore,	Carbonton.
2851	(Lignite.)		
20 (3309)	{ Coal.		
16	Coal.		
2851	Coal.		
2851	Coal.		
	Coal,	Chatham,	Egypt Mine.
19	(Coal.)		
	Coke,	Chatham,	Deep River.

## MICA:

## CASE VI.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
Mica, Muscovite, uncut, with dendroletic markings, 18-24x18-24 inches, 3 pieces.	Mica, Muscovite, uncut for electric insulators, 2x2 feet,	Mitchell,	Spruce Pine
Mica, Muscovite, cut for market, 2½x1½ inches, 12 packages.			
Mica, Muscovite, uncut, 20x20 inches, 2 pieces.			
4423 Mica, Muscovite, cut,	Macon,	Ray Mica Mine.	
Mica, section, crystal, A Muscovite, green, iridescent,	Mitchell.		
Mica, Muscovite, uncut, 6x6 inches. (Shelf 2).			
4544 Mica, Muscovite, cut, 6x8 inches,	Yancey,	Ray Mica Mine.	
Mica, Muscovite, cut, 11-12x13-14 inches, 3 pieces.			
Mica, Muscovite, cut, 9x11 inches, 1 piece.			
Mica, Muscovite, cut, 7x6 inches, 3 pieces.			
Mica, Muscovite, cut, 5x5 inches, 2 pieces,		Hickory mountain.	
Mica, Muscovite, cut, 4-6x8-10 inches, 4 pieces.			
Mica, Muscovite, cut, 4-5x6-7 inches, 3 pieces.			
Mica, Muscovite, uncut, 14x18 inches.			

## SPECIMEN.

## COUNTY.

## LOCALITY.

Mica, Muscovite, uncut, 11x13 inches.		
Mica, Muscovite, cut, 12x12 inches, Mitchell,	Spruce Pine,	
Mica, Muscovite, cut, 6x6 inches, Ashe,	Jefferson.	
Mica, Muscovite, cut, 5-5x6 inches..		
K.509 Mica, Muscovite, cut, Forsyth,	Old Town.	
Mica, Muscovite, cut, 1.5-3x3-6 6 pieces.		
Mica, Muscovite, section of crystal, 7x7 inches,	Yancey,	Ray Mica Mine.
Mica, Muscovite, cut, 5-6x6-7 ins., 10 pieces,	Mitchell.	
Mica, Muscovite, cut, 8x8 inches, Mitchell.		
Mica, Muscovite, cut, 4x6 inches, 4 pieces.		
Mica, Muscovite, cut, 2-4x7 ins., 5 pieces.		
3369 Mica, Muscovite, cut, 2x4 inches,	Catawba.	Ramsours.
M. 4488 Mica, Muscovite, cut, 10x5 inches,	Mitchell,	Spruce Pine.
Mica, Muscovite, uncut, 15-18x8-10 inches, 5 pieces.		
Mica, cut for electric insulators, 6 pieces,	Mitchell,	Spruce Pine.
Mica, Muscovite, cut, 10x10-12 ins., 4 pieces.		
Mica, Muscovite, sections of crys- tals, thick, 7x9 inches, 3 pieces.		
Mica, Muscovite, cut, 8x8 inches.		
Mica, Muscovite, cut, 5x5 inches.		
Mica, Mnscovite, cut, 3-4x8-10 inches, 4 pieces.		
Mica, Muscovite, cut, 4½x9 inches.		
Mica, Muscovite, cut, 3--4x4--6 ins., 21 pieces.		

SPECIMEN.	COUNTY.	LOCALITY.
Mica, Muscovite, cut, 2-3x4--5 ins., 13 pieces.		
Mica, Muscovite, cut, 2x6--8 inches, 3 pieces.		
Mica, Muscovite, cut, 2x2--3 inches, 5 pieces.		
Mica, Muscovite, with dendriolitic markings, 2--4x3--6 inches, 3 pieces.		
Mica, Muscovite, with dendriolitic markings, in stand, 4x5 inches.		
Mica, Muscovite, section of crystal with garnets imbedded, 4x6 ins., mounted.		
4228 Mica, Muscovite, section of linear crystal,	Mitchell,	Ray Mica Mine.
Mica, Muscovite, section of crystal with garnets.		
Mica, imbedded, 4x11 inches.		
Mica, biotite crystal in Muscovite, Macon.		
Mica, Muscovite, iridescent, 2 specimens 3x6 inches, cut.		
Mica, biotite.		[Mine.]
Mica, biotite crystal, 3x5 inches, Mitchell,	Lick Ridge	Mica
Mica, ground, in bottle, 200 mesh, Mitchell.		
Mica, ground, in bottle, 160 mesh, Mitchell.		
Mica, ground, in bottle, 140 mesh, Mitchell.		
Mica, ground, in bottle, 100 mesh, Mitchell.		
Mica, ground, in bottle, 80 mesh, Mitchell.		
g.s.2168, Mica, ground, 80 mesh, Mitchell,	Plumbtree.	
g.s.2168(a) Mica, ground, 100 mesh, Mitchell,	Plumbtree.	
g.s.2168(b) Mica, ground, 200 mesh, Mitchell,	Plumbtree.	
g.s.2168(c) Mica, ground, 140 mesh, Mitchell,	Plumbtree.	
g.s.2168(d) Mica, ground, 160 mesh, Mitchell,	Plumbtree.	
g.s.2169 Mica, for grinding, scrap, Mitchell,	Plumbtree.	
4544 (518 II.) Mica, Muscovite, Yancey,	Ray Mica Mine.	

SPECIMEN.	COUNTY.	LOCATION.
4189 Mica, Muscovite, section of crystal 10x12 inch,	Warren,	S. B. Williams.
Mica, Muscovite, section of crystal, 8x10 inch, 6 pieces,		
Mica, Muscovite, section of hexagonal crystal 5x8 inches,		
3365 Mica, Muscovite,	Catawba,	Keeversville.
4438 Mica, Muscovite,	Wilkes,	Stony Hill.
xx Mica, Muscovite,	Catawba,	Hickory.
Mica, Muscovite, cut, 6x7 inches,	Haywood.	
3578 Mica, Muscovite, cut, 6x7 inches,	Macon,	Potato Knob.
3326 Mica, Muscovite, cut, 5.5x6.5 inches,	Ashe,	near Jefferson.
Mica, Muscovite, with dendrititic markings, cut, 2-5x3-7 inches, 12 pieces.		
Mica, Muscovite, cut, 2-6x4-10 inches, 18 pieces.		
Mica, Muscovite, thin, uncut, 16x24 inches, 2 pieces.		
Mica, Museovite, section of crystal showing planes of cleavage.		
3124 Mica, Muscovite, crystal in gangue, 4 pieces.		
4228 Mica, Muscovite, breaking in planes of cleavage	Yancey,	Ray Mica Mine.
3463 Mica, Muscovite,	Davidson,	Thomasville.
Mica, Muscovite, cut, 1½x2½ inches and packed for market, 9 packages.		
3369 (845) Mica, Muscovite,	Catawba,	Ramsour's.
Mica, Muscovite, cut, 2½-3.5x4-6 inches, 8 pieces.		

## TALC AND KAOLIN.

## CASE VII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	(Ground talc, 3 bottles.)		
	Talc, light blue, amorphous,		
	large block,	Swain,	Jarretts.
	Pulverized Talc, white,		Kinsey.
	Pulverized Talc, blue,		Kinsey.
	Clay (Ferruginous), moulded,	Chatam.	
	Talc (White, Amorphous, two Massive Blocks),	Cherokee,	Kinsey.
4522	Kaolinite,	Yancey,	Burnsville.
	Kaolin (Argilliform),	Macon,	Carson Mine.
4412	Kaolin,	Haywood,	Big Ridge Mine.
	Kaolin, Prepared,	Jackson.	
	Clay,		Wilkesboro.
4512	Kaolin (Argilliform),	Moore,	Swann's Station.
4504	Halloysite,	Lenoir,	Carraway Place.
4514	Kaolin (Argilliform), Kaolin,	Nash, Burke,	Battle. Brown Mountain.
	Feldspar (Albite.)		
4510	Kaolinite (Biscuit Kaolin),	Macon,	Carson's.
4519	Kaolinite (Fariniform),	Robeson,	6 Mi. from Maxton.
	Kaolin (Prepared), 3 Spec- mens,	Jackson,	Dillsboro.
4520	Kaolin (Argilliform),	McDowell,	Carson's.
4520	Kaolin (Fariniform),	Tra's'lvania,	Brevard.
	Kaolin,	Robeson,	Floral College.
	Kaolin,	Nash,	Kitcher Taylor Place.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4499	Kaolin (Indurated),	Harnett,	Spout Springs.
4508	Kaolin (Fariniform),	Lincoln,	Lincolnton.
	Kaolin,	M'tgomery,	Troy.
4492	Kaolin (Fariniform),	Catawba,	Newton.
4493	Kaolin (Fariniform),	Catawba,	near Newton.
4505	Halloysite,	Lincoln,	Lincolnton.
3130½	Feldspar (albite,) Kaolin, Kaolinite,	Mitchell, Cleveland, Chatham,	Folly Bend Mica Mine. Shelby. Harpers' X Roads.
4507	Kaolinite (Argilliform,) Kaolinite with Asbestos,	Lincoln,	Lincolnton.
4330	Kaolinite, Kaolinite,	Buncombe,	near Asheville.
	Kaolinite,	Burke,	Brown M't'n.
1	Kaolinite,	Guilford,	New Salem.
4489	Halloysite, Washed Kaolin,	Guilford, Alamance, Burke,	Fentress. Cane Creek Factory. near Pied- mont Springs.
4501	Washed Kaolin, Kaolin, Kaolin (Ground.)	Jackson, Burke,	Webster. Brown M't'n.
89	Kaolin, Kaolin (Ground.)	Anson,	Polkton.
4494	Kaolinite (Fariniform,) Pure Silica (Burnt,) Pure Silica (Crude,)	Chatham,	Harpers' X Roads.
4491	Kaolin (Indurated,) Feldspar (in part &c.,)	Caldwell, Burke,	Puett. near Pied- mont Springs.
		Burke.	
		Burke.	
4559	Kaolin (Ferruginous,) Kaolinite (Argilliform),	Chatham,	Pittsboro.
4495	Kaolinite (Fariniform),	Chatham,	7 Mi. W. of Pittsboro.
4502	Kaolinite (Fariniform),	Johnston,	Clayton.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4513	Kaolin (Argilliform), Brown Clay (Massive),	Mitchell, Anson.	N. Toe River.
4499	Kaolinite (Indurated), Kaolin (White and Fer- ruginous), Kaolin (Purified), Kaolin,	Harnett, Durham.	Spout Springs.
	Kaolin,	Jackson,	Harris Clay Co.
	Kaolin (Purified), Feldspar,	Jackson,	Harris Clay Co.
4515	Kaolin, Kaolin (Prepared), Kaolin (Prepared), Kaolin, Kaolin, Kaolin (Washed), Kaolin and Pottery,	Jackson. Jackson. Jackson, Jackson, Jackson, Jackson, Jackson.	Harris Clay Co. Webster. High Point.
	Kaolin (Crude), Kaolin (Crude), Feldspar,	Jackson.	Webster.
4500	Kaolin (Fire Clay), Fluit or Quartz, Kaolin (Impure), Clay (for Vitrified Brick), Kaolin,	Mitchell, Harnett, Jackson, Edgecombe, Wilkes, Richmond,	Deake Mine. Cam'r'n's Hill. Webster. Tarboro. Wilkesboro. Rockingham.
4501	Kaolinite (Fariniform),	Jackson,	Webster.
g.s.3135	Albite, Kaolin, Kaolin, Kaolin, Kaolin,	Mitchell, Iredell, Macon, Lincoln, Macon,	Deak Mica M. n'r Statesville. S'nd Hill T'nsp. n'r Lincoln. Carson's, near Franklin.
4516	Kaolinite (Fariniform), Kaolinite,	Randolph,	High Point.
4515	Kaolinite (Fariniform),	McDowell, Randolph,	High Point.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Kaolinite (Impure),	Johnston,	Clayton.
4517	Kaolinite (Argilliform), Feldspar, Quartz and Mica,	Richm'd,	Hamlet.
4503	Kaolin (Fariniform),	Watauga,	Pine Orchard.
4509	Kaolin (Indurated),	Johnston,	near Clayton.
4516	Kaolin (Fariniform), Kaolinite (from Albite), Kaolin	Macon,	near Franklin.
	Blue Talc,	Randolph,	High Point.
	Talc,	Mitchell,	Brush Creek.
	Talc Blocks.	Randolph,	Bowers' Mine.
	Talc Pencils (Flat)	Cherokee,	Kinsey Mine.
		Cherokee,	Kinsey.
		Swain,	Rickard and Hewett.
	Talc Pencils (Square),	Swain,	Rickard and Hewett.
	Talc Pencils (Flat, Sharpened),	Swain,	Rickard and Hewett.
	Talc Pencils (Flat),	Swain,	Rickard and Hewett.
	Talc Pencils (Large Square),	Swain,	Rickard and Hewett.
	Talc Pencils (Flat, Sharpened)	Swain,	Rickard and Hewett.
	Talc (Tablets),	Swain,	Rickard and Hewett.
	Talc (Large Block),	Cherokee,	Kinsey Mine.
	Talc (Grey in Blocks),	Swain,	Rickard and Hewett.
	Talc (Grey in Blocks),	Swain,	Rickard and Hewett.
	Talc (White, Ground),	Swain,	Rickard and Hewett.
	Talc (White, Ground),		
	Talc (White, Ground),		
	Kaolin (Lumps),	Cleveland,	Waco.
	Tripoli,	Guilford,	Greensboro.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Tripoli,	Caswell,	Milton.
	Talc (Foliated, Translucent),	Swain,	Hewett Mine.
4562 (72 II)	Talc (Pale Brown Steatite)	Cherokee,	Nottely River.
	Talc (Massive Slab, Grey).		
	Talc (Block, White),	Cherokee,	Maltby Prop'rty,
	Talc (Dark Grey Mantle),	Guilford,	Westminster.
	Talc (White, Massive),	Cherokee,	(Highway).
	Talc (White, Amorphous),	Cherokee,	Kinsey.
3144 {	Talc (Foliated)	Mitchell,	Serpentine
on spec }			Hill, nr. Bakersville.
4153 {	Talc (Soapstone),	Swain,	Jarretts.
on spec }			
89 {	Talc (Soapstone) Cube,		
on spec }			
M.4143	Talc (Foliated),	Surry,	Dobson.
	Talc (Amorphous),	Cherokee,	Valley River
			Talc and Iron Co.
	Talc (Brick),	Cherokee,	Kinsey.
4496 {	Talc (Soapstone),	Franklin,	Franklinton.
on spec }	Talc, (Brick,)	Guilford,	L. M. Stewart.
4268 {	Talc (Soapstone Slab),	Yancey,	Ray Mine.
on spec }	Talc (Soapstone, Impure),	Yancey,	Ray Mine.
	Talc (White,) 3 Massive		
	Blocks,	Cherokee,	Kinsey.
	Soapstone (Block),	Madison,	Marshall.
	Talc (Foliated, Dark Blue),	Cherokee,	Kinsey.
	Talc (White, Large Slab).		
	Talc (Pink, Cube),	Chatham,	
	Talc (Foliated, 4 Pieces),	Cherokee,	Kinsey.
	Pyrophyllite,	Moore,	
	Talc (Ground, in Bottle),		

## CRYSTALS.

## CASE VIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
85	Rutile,	Caldwell,	Lenoir.
	Feldspar, (Twin Crystal),	Rowan,	Cleveland.
3878	Amethyst (9 Spec.),		Louisburg.
4455	Amethyst.		
M. 4249	Columbite with Orthoclase. (4 Opec.),	Yancey,	Ray Mine.
G. S. 3116	Oligoclase (5 Opec.), Garnet, in Muscovite, 3 Pieces and 7 Loose Garnets,	Mitchell,	Hawk's Mica Mine.
4479	Rutite, (Box of Crystals)	Cherokee,	Spruce Pine.
4477	Stauratite, Large Mass of Crystals and 13 Loose Crystals,	Cherokee.	Valleytown.
M. 4464	Beryl, (3 Pieces),	Mitchell,	
3257	Allanite.	Buncombe,	Balsam Gap.
4207	Quartz Crystal,	Watauga,	Cove Creek.
3235	Quartz Crystal. Quartz Crystal (26 Specimens),		
	Quartz Crystal, Smoky (10 Specimens).		
4454	Quartz Crystal, Amethystine.		
3833	Quartz Crystal. Quartz Crystal,	Alexander,	Stony Point.
3210	Amethystine, 2 Spec.,	Alexander.	
3783	Quartz Crystal, Smoky (5 Inch Diam.) Stibnite (Small Specimen).		
4485	Quartz Amethystine (4 Spec.),	Randolph.	
4474	Tabular Quartz (12 Spec.), Iredell. Quartz, Tabular (Large Mass), Harnett.		
	Quartz, Tabular (Large Mass).		
3878	Quartz, Amethystine,	Lincoln,	Iron Station.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4483	Enstatite Bronzite, Fac similes of 4 Large Diamonds in case.	Jackson.	
	Fac similes of Precious Stones 84 in case.		
	Zircon Crystals,	Henderson,	Hendersonville.
3409	Calcite, calc spar, Quartz, with Water Enclosed, 12 Spec.,	Chatham,	Clegg's Mine. Burke.
4458	Quartz, with Inclusions, Quartz Amythist,	Iredell.	Macon.
2163	Chalcopyrite,	Guilford,	Guilford Mine.
4482	Tourmaline (4 Spec.), Quartz, Smoky, with Inclusions, 8 inch in diameter.	Alexander.	
3781 4462	{ Beryl (3 Large Crystals),	Mitchell.	
g.s.3126	Beryl, Feldspar Quartz, Yancey, Quartz, Smoky, 6 inch Crystal.		Ray Mica Mine.
	Quartz, Amethyst,	Mecklenburg.	
4450	Quartz, Pellucid, 8 inch Crystal,	Wake,	Heron X Roads.
	Quartz, Smoky, 3 inch Crystal.		
3832	Quartz,	Cleveland,	Mountain Mine.
4186	Quartz, Smoky,	Wake.	

## NATIVE GEMS.

SPECIMEN.	COUNTY.	LOCALITY.
Diamond, (uncut,)	Burke.	
Hiddenites (5 Spec.),	Alexander.	
Cut Gems :		
Quartz, Rutilated (5 Extra Quality, 3 Ovals, 2 Hearts).		
Quartz, Rutilated,(9 others all Ovals).		
Quartz, Amethystine, 2 Ovals.		
Quartz, Amethystine, 30 with facet surface from $\frac{1}{8}$ inch down.		
Quarts, Smoky, 17 with facets.		
Quartz, Pellucid, 2, rock Crystals with facets.		
Quartz, Opalescent, 12 Oval.		
Quartz, Opalescent, 5 Cir- cular.		
Quartz, Citron, 2 with facets, square and Ob- long.		
Quartz,Carnelians,3 Oval,flat.		
Feldspar, Oligoclase,3 cut facets.		
Beryl, Opaque, Oval 5.		
Beryl,Opaque,Circular 15.		
Beryl, Yellow, with facets 5.		
Beryl, Aquamarine brilliant 62.		
Beryl, Emerald.		
Hiddenite, Mounted.		
Corundum, one Block, cut		

SPECIMEN.	COUNTY.	LOCALITY.
1 inch diameter.		
Corundum, one Cat's Eye.		
Ruby, seven.		
Corundum, Yellow, one.		
Oriental Topaz, 3 Specimens.		
Sapphire, 9 Specimens.		
Garnets, 59 with facets.		
Garnets, 1 Oval.		
Cinnamon Stone, one with facets.		
Rutile, one.		
	Total, 171.	
Three Bronze World's Fair Medals.		

## GEMS STONES AND CRYSTALS.

## CASE X.

NO.	SPECIMEN.	COUNTY.	LOCATION.
	Quart crystal 3 inches long with Inclusions.		
3357	Rock crystal, Rock Crystal, Fragment.	Catawba,	Hickory.
	Quartz Crystals, Rock Crystals, 6 specimens.		
4454	Quartz, Amethystine, 7 large masses of crystals.		
	Quartz, Smoky, 16 specimens.		
	Quartz crystal, Rock Crystal, 7 specimens.		
16	Rock Crystal, Cluster, with Liquid Inclusions.		
	Rock Crystal, mass of Linear, perfect crystals.		
5419	Rock Crystal.	Chatham.	
3963	Quartz, Limpid, Quartz, Smoky, 9 small crystals, 1½ inches long.	Montgomery,	Troy.
	Beryl, Crystal 2½x5 inches.		
	Beryl, Crystal, 5x4 inches,	Mitchell.	
	Aquamarine, 9 Fragments.		
	Three masses of Block Crystals.		
	Three large Crystals of Hematite.		
3287	Garnets, 2 specimens, 2 inches in diameter	Buncombe,	Bl'k Mount.
87	Small Garnet Crystals, ¼ to ½ inch in diameter.		
79	Rough Garnets, ¼ to ¾ inch in diameter,	Macon.	

NO.	SPECIMEN.	COUNTY.	LOCATION.
	Large Fragment of Red Jasper.		
4338	Orthoclase, Baveno Twin Crystal, Cabarrus,		Concord.
	Cyanite,	Yancey,	R'y Mica M.
4406	Cluster of Muscovite, Mica Crystals.		
	4 Clusters of Crystals of Green Mica,		Catawba.
4242 4206	Small Crystals of Tourmaline. 2 Large Crystals of Tourmaline.		

## FREE GOLD AND NUGGETS.

## CASE XI.

NUGGETS FROM.	WEIGHT IN DWTS.
Nugget Mine, Cabarrus County,	226 $\frac{1}{3}$
Placer Mines, Montgomery County,	129 $\frac{1}{6}$
Beaver Dam Mine, Montgomery County,	7 $\frac{1}{2}$
Eldorado Township, Montgomery County,	153 $\frac{2}{3}$
Redding Mine,	10 $\frac{1}{3}$
Dry Hollow Mine, Montgomery County,	24 $\frac{1}{2}$
Bunnel Mountain Mine, Montgomery County,	72 $\frac{1}{3}$
Smitherman, Montgomery County,	55 $\frac{1}{2}$
Ramseur Mine, Gaston County,	25
Gold Hill Mine, Rowan County,	16 $\frac{1}{6}$
Caldwell County,	10 $\frac{2}{3}$
Miller Mine, Caldwell County,	22 $\frac{1}{12}$
Parker Mine, Stanly County,	20
A. E. Cameron,	1 $\frac{1}{3}$
One \$5 gold piece, Bechtler coin, Rutherford County.	
One \$1 gold piece, Bechtler coin, property of H. B. Battle.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1360	Free Gold in Slate,	Montg'y.	Morris Mtn. M.
1004	Free Gold in Quartz,	Caldwell,	
T. K. B.	Free Gold,	Montg'y.	Edwards Mine.
T. K. B.	Free Gold,	Stanly,	Barringer M.
187	Free Gold, Free Gold in sand.	Rowan,	Gold Hill M.
	Free Gold in Slate,	Montg'y.	Steele Mine.
1195	Free Gold in Quartz,	Stanly,	Hearne Mine.
1330	Free Gold, Free Gold, in Quartz,	McDowell,	Kirksey.
		Burke,	Col'rado Mills.
1139	Free Gold, in Quartz, Gold Nugget, (Cast) 8 lbs., 5 oz., Stanly,	Stanly,	Hearne Mine.
			Ingram Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Gold Nugget, (Cast) 23 lbs.,	Cabarrus,	Reed Mine.
	Gold Nugget, (Cast) 10 lbs.,	Stanly,	Ingram Mine.
	Gold Grains in Dish.		
	Natural Gold Leaves,	Burke,	Mitchell Mine.
	Gold Nugget, (Cast) 4½ lbs.,	M'tgomery,	Sam Christian Mine.
	Gold Nngget, (Cast) 2½ lbs.,	M'tgomery,	Sam Christian Mine.
1205	Free Gold in Quartz,	Gaston,	King's Mt. Mine.
1334	Free Gold in Quartz, Free Gold in Quartz,	Nash.	
	Free Gold in Quartz,	Caldwell,	Little John Mine.
178	Free Gold, Free Gold in Quartz,	Rowan,	Gold Hill.
177	Free Gold in Quartz,	Stanly,	Parker Mine.
1325	Free Gold in Quartz with Hematite,	Rowan.	
m.1063	Sulphuret and Free Gold,	Cherokee.	
1009	Free Gold in Quartz,	Union,	Howie Mine.
1077	Free Gold in Qnartz, Free Gold in Sulphurets,	Caldwell,	Miller Mine.
		Burke,	J. C. Mills.
		M'tgomery,	Morris Mt. Mine
T.K.B.	Free Gold in Brown Ore,	Rowan,	Dutch Creek.
1176	Free Gold in Quartz,	Burke,	Colorado Mills.
1106	Free Gold in Quartz,	M'ckl'nbr'g.	
1077	Free Gold in Quartz, Free Gold in Quartz,	Burke.	
		Stanly,	Louder Mine.
3207	Quartz, Smoky, 3 Spec. 3-4 inch in diam.,	Alexander,	Taylorsville.
	Quartz, Smoky Crystal, 8 inches in diam.		
	Quartz, Amethystine Crystal, 3½ inches in diam.		

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Quartz, Rock Crystal, Large Fragment,	Yancey,	Ray Mica Mine.
	Quartz, Rock Crystal, Large Linear Crystal with Smaller on side of it.		
3782	Beryl Crystal, 7 inch. in diam.		
	Pyrite in Cellular Quartz.		
	Free Gold in Quartz,	Stanly,	Parker Mine.
M.1356	Free Gold.	Stanly,	Biles.
M.1179	Free Gold in Quartz,	Burke,	Brindletown.

## GOLD ORES.

## CASE XII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A.B.C.102	Anriferous Copper Ore,	Ashe,	Rich Knob.
1310	G'ld B'r'g Ferruginous Qu'tz,	Alamance,	Dixon Gold Mine
1233	G'ld B'r'g Ferruginous Qu'tz,	Alexander,	Ellendale.
1332	G'ld B'r'g Granular Quartz.	Anson,	Wadesboro.
1312	G'ld Bearing Pyrite in Ferru- ginous Quartz,	Alamance,	Mebane.
1308	Pyrite with Quartz, Gold Bearing,	Alamance,	S. A. White.
1311	Gold Bearing Ferruginous Slaty Cellular Quartz,	Alamance,	Peter Holt.
1306	G'ld B'r'g Ferruginous Qu'rtz,	Alamance,	Collins' Creek.
1313	Gold Bearing Slate,	Alamance,	Dixon Mine.
1309	Gold Bearing Pyrite and Limonite in Quartz,	Alamance,	Haw Creek.
1307	Gold Bearing Pyrite in Fer- ruginous Quartz.	Alamance,	Haw River.
1305	Gold Bearing Cellular Fer- ruginous Quartz,	Alamance,	Haw River.
R. and D.	Gold Ore, Free Milling,	Buncombe,	Hominy Creek.
1363	Gold Ore, Sulphuret,	Burke,	Preswell Mine.
1165	Gold Bearing Quartz.	Burke,	Gaither's Mine.
1166	Gold Bearing Decomposed Shaly Mica Rock,	Burke,	Gaither's Mine.
1344	Gold Bearing Sulphide with Quartz and Limonite,	Burke,	Brindletown.
1180	Gold Bearing Ferruginous Quartz,	Burke,	Mills Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1172	Gold Bearing Ferruginous Slate,	Burke,	Gaither's Mine.
1080	Gold Bearing Ferruginous Quartz,	Burke,	White's Knob.
1167	Gold Bearing Quartz,	Burke,	Gaither's Mine.
1168	Gold Bearing Quartz with Limonite,	Burke.	
1081	Gold Bearing Sulphides (Decomposing)with Qu'tz,	Burke,	White's Knob.
1178	Gold Bearing Quartz, Gran- ular, Iron Stained,	Burke,	Mills Mine.
1174	Gold Bearing, Laminated, Granular Quartz,	Burke,	N. E. Side Pi- lot Mountain.
1248	Free Gold in Quartz,	Burke,	Mills Mine.
1173	Free Gold in Ferruginous Quartz,	Burke,	Gaither's Mine.
1164	Gold Bearing Quartz with Decomposed Material,	Burke,	Gaither's Mine.
1168	Gold Bearing Quartz with Limonite,	Burke,	Gaither's Mine.
1171	Gold Bearing Quartz,	Burke,	Gaither's Mine.
1087	Gold B'r'g Granular Qu'tz,	Burke,	Brindletown.
1177	Free Gold in Qu'tz (2 Spec.),	Burke,	near Pilot Mt.
1084	Gold Bearing Quartz, Gran- ular and Ferruginous,	Burke,	Brindletown.
1163	Gold Bearing Quartz with Limonite,	Burke,	Gaither's Mine.
1169	Gold Bearing Pyrite with Quartz,	Burke,	Gaither's Mine.
1085	Gold Bearing Ferruginous Quartz,	Burke,	Pilot Mountain.
1088	Gold Bearing Quartz with Pyrite,	Burke,	J. C. Mills.
1247	Gold Bearing Earthy Li- monite,	Burke,	Gaither's Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1181	Gold Bearing Ferruginous Quartz,	Burke,	Mills Mine.
1244	Gold Bearing Ferruginous Decomposed Slate,	Burke,	J. C. Mills.
1170	Gold Bearing Quarts with Iron Ochre,	Burke,	Gaither's Mine.
1345	Go'd Bearing Pyrite in Quartz,	Burke,	Brindletown.
1086	Gold Bearing Vein Qu'tz,	Burke,	Brindletown.
1079	Free Gold in Quartz, Gold Sands,	Burke,	J. C. Mills.
	Gold Sands (Coarse Gravel)	Burke,	Big Tail Race.
	2 Spec.,	Burke,	J. C. Mills.
	Gold Sands (Fine Sand)	Burke,	J. C. Mills.
	2 Spec.,	Burke,	J. C. Mills.
1175	Gold Bearing Granular Quartz,	Burke,	Shaft Ridge.
	Gold Ore, Free Milling,	Burke,	Carolina Queen Mine.
1324	Gold Bearing Ferruginous Quartz, Clay.		
1321	Gold Bearing Quartz and Ferruginous Material,	Chatham,	Cane Creek.
1232	Free Gold in Quartz,	Chatham,	Lindley Mine.
1263	Gold Bearing Sulphides,	Cabarrus,	Long Mine.
1010	Gold Bearing Sulphides in Quarz,	Cabarrus,	Am'ric'n Mine.
1144	Gold Bearing Ferruginous Quartz,	Cabarrus,	Reed-Allison Mine.
1050	Gold with Sulphides and Limonite in Quartz,	Cabarrus,	Hagler Mine.
1018	Gold with Sulphides and Limonite in Quartz,	Cabarrus,	Loisua Mine.

## CASE XIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
T.K.B.	Free Gold,	Cabarrus,	Rock River Mine.
1013	Gold with Sulphides in Quartz,	Cabarrus,	Fink Mine.
1147	Gold Bearing Limonite and Quartz,	Cabarrus,	Concord Mine.
1012	Gold with Sulphides in Quartz,	Cabarrus,	Quaker City Mine.
1011	Gold with Sulphides in Quartz,	Cabarrus,	Dutchman's Mine.
1015	Gold Bearing Sulphides in Quartz,	Cabarrus,	Quaker City Mine.
A.175	Gold Ore, Free Milling,	Cabarrus,	Kluttz Mine.
1143	Gold Bearing Limonite and Pyrite,	Cabarrus,	Pharr Mine.
1019	Gold Bearing Sulphides in Quartz,	Cabarrus,	Phoenix Gold Co.
1014	Gold with Sulphides in Quartz,	Cabarrus,	Reed Mine.
1142	Gold Bearing Ferruginous Quartz,	Cabarrus,	Pharr Mine.
T.K.B.	Gold Bearing Pyrite,	Cabarrus,	Rocky River Mine.
M.2051	Gold Ore Chalcopyrite and Malachite,	Cabarrus,	Nussonan Mine.
c.7	Auriferous Copper Ore,	Cabarrus,	Concord.
A.43	Gold Bearing Sulphurets,	Cabarrus,	California Mine.
A.41	Gold Bearing Sulphurets,	Cabarrus,	Bost Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A.38	Gold Ore,	Cabarrus,	Boger Mine.
A.120	Gold Ore,	Cabarrus,	Lince Mine.
A.40	Gold-bearing Sulphuret,	Cabarrus,	Dutchman's Mine.
A.44	Gold Ore,	Cabarrus,	Bost Mine.
A.20	Gold in Quartz,	Cabarrus,	Cote's Mine.
A.159	Gold Bearing Sulphurets,	Cabarrus,	Bost Mine.
A.8	Gold Bearing Ferruginous Quartz,	Cabarrus,	Cort Mine.
A.272	Gold Ore,	Cabarrus,	Furr Mine.
A.18	Gold Ore, Free Milling,	Cabarrns,	Munsford M'e.
A.36	Gold Ore,	Cabarrus,	Barrier Mine.
135	Gold Ore,	Cabarrus,	Ketner.
A.176	Gold Ore, Free Milling,	Cabarrus,	Biggers' Mine.
M.1366	Gold Bearing Limonite,	Cabarrus,	Fink Mine.
A.45	Gold Ore,	Cabarrus,	Quaker City.
A.42	Gold Ore,	Cabarrus,	E. Tucker.
A.47	Gold Ore,	Cabarrus,	Widenhouse Mine.
A.39	Gold Ore,	Cabarrus,	Rocky River Mine.
A.35	Gold, Free, in Sulphurets,	Cabarrus,	Phoenix Mine.
A.35	Gold Bearing Sulphurets,	Cabarrns,	Phoenix Mine.
1264	Gold Bearing Sulphurets, and Copper Carbonate in Quartz,	Cabarrus,	Jas. Barringer Mine.
1142	Gold Bearing Ferruginous Quartz,	Cabarrus,	Pharr Mine.
1145	Gold, Free, in Ferruginous Quartz,	Cabarrus,	Cullen's Mine.
M.1365	Gold Bearing Limonite,	Cabarrus,	Louisa Mine.
A. 173	Gold, Free Milling,	Cabarrus,	Widenhouse Mine.
M.1372	Gold Bearing Sulphuret,	Cabarrus,	Jas. Barringer Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Gold Ore, Sulphurets in Q'tz, Cabarrus,		Rock River Mine.
136	Gold Ore, Cabarrus,		Castle Mine.
	Gold Ore, Sulphurets (Pyrite) in Quartz,	Cabarrus,	Dutchman M.
A. 19	Gold Bearing Sulphurets, Cabarrus,	Cabarrus,	Crowell Gold Mine.
A. 37	Gold Ore, Cabarrus,		Furr Mine.
A. 48	Gold, Free, in Grit, Cabarrus,		Biggers Mine.
A. 74	Gold, Free Milling, Cabarrus,		Barrier No. 2 Mine.
1246	Gold Bear'g Ferruginous Slate, Burke,		Brindletown.
M. 1331	Gold, Free, Moore,		Belle Mine.
1345	Gold Bearing Pyrite and Lim- onite, Burke,		Brindletown.
1245	Gold Bear'g Ferruginous State, Burke, Gold and Copper Ore, Davidson,		J. C. Mills. Conrad Hill.
1082	Gold Bearing Quartz, Burke,		White's Knob.
1343	Gold Bearing Limonite, Burke,		Brindletown.
1083	Gold Bear'g Ferruginous Q'tz, Burke, Gold Bearing Cop. Ore in Q'tz, Cabarrus,		White's Knob.
	Gold Bear'g Sulphides in Q'tz, Davidson.		Phœnix M.
1322	Gold Bearing Q'tz and Slate (3 Spec), Chatham,		Cane Cr'k M.
142	Gold Ore (2 Spec), Cabarrus,		Allison Mine.
1346	Gold Bear'g Sulphide in Q'tz, Cabarrus,		Phœnix Gold Co.
1347	Gold Bear'g Sulphide in Q'tz, Cabarrus, Gold Bear'g Sulphurets in Q'tz, Cabarrus,		Phœnix Gold Co.
1146	Gold Bearing Pyrite in Q'tz (2 Spec), Cabarrus,		Furr Mine.
A. 46	Gold Bear'g Sulph'r'ts in Q'tz, Cabarrus,		Tucker Mine.
1016	Gold Bearing Sulphide in Quartz, Free Milling, Cabarrus,		Furr Mine.
			Isenhauer Mine.

## CASE XIV.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1150	Gold Bearing Pyrite in Ferruginous Quartz,	Caldwell,	Scott's Hill.
M.1007	Gold Ore, Free Milling,	Caldwell,	Miller Mine.
1262	Gold Bearing Limonite in Q'tz,	Caldwell,	Perkins' M.
1151	Gold Bear'g Limonite and Q'tz,	Caldwell,	John's River.
1003	Gold, Free, in Quartz,	Caldwell,	A.A. Scrogg.
1002	Gold, with Sulphides,	Caldwell,	A.A. Scrogg.
1006	Gold, with Sulphides and Limonite in Quartz,	Caldwell,	Perkins' M.
1005	Gold, Free Milling, in Ferruginous Quartz,	Caldwell,	John's River.
1152	Gold Bearing Quartz with Iron Ochre,	Caldwell,	Pax Hill.
1001	Gold Bear'g Pyrite in Quartz,	Caldwell,	Little Mulberry Mine.
1149	Gold Bearing Ferruginous Decomposed Material	Caldwell,	Scott's Hill.
1000	Gold, with Pyrite in Ferruginous Quartz,	Caldwell,	Cilley.
A. 49	Gold Ore, Sulphuret,	Caldwell,	Long C'k M.
1153	Gold Bear'g Ferruginous Q'tz,	Caldwell,	Globe.
M.1379	Gold Ore, Sulphuret,	Caldwell,	John's River Mine.
M.1376	Gold Ore, Sulphuret,	Caldwell,	Long C'k M.
1329	Gold Bearing Galena in Quartz,	Caldwell,	Upper Creek.
1008	Gold, with Sulphides in Quartz,	Caldwell,	Globe.
1261	Gold Bearing Limonite,	Caldwell,	
1148	Gold Bear'g Sulphides in Q'tz,	Caldwell,	Scott's Hill
1261	Gold Bearing Ferruginous (Limonite) Quartz,	Caldwell.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
M.1378	Gold Bearing Sulpuret,	Caldwell,	John's River Mine.
1006	Gold, with Sulphides and Lim- onite in Quartz,	Caldwell,	Perkins' M.
A. 108	Gold Bearing Sulphurets,	Davidson,	Hedrick M.
1211	Gold Bearing Decomposed Fer- ruginous Material,	Catawba,	Shuford M.
A. 78	Gold Ore, Free Milling,	Catawba,	Rufty Mine.
1327	Gold Bearing Decomposed Material,	Catawba,	Shuford M.
1213	Gold Bearing Decomposed Material,	Catawba,	Shuford M.
1214	Gold Bearing Pyrite with Q'tz,	Catawba,	Powell & Little.
A. 167	Gold Ore,	Catawba,	Rufty Mine.
M. 1381	Gold Ore, Free Milling,	Catawba,	Shuford M.
1051	Gold in Sulphides, Gold Ore, Sulphurets in Q'tz,	Davidson,	Uharie Mine.
1266	Gold Bearing Ferruginous Decomposed Slate,	Davidson,	Eureka Mine.
A. 111	Gold Ore,	Davidson,	Delk Mine.
1154	Gold Bear'g Slate, Decomposed,	Davidson,	Harris Mine.
1152	Gold with Limonite, Mala- chite and Sulphides in Q'tz,	Davidson,	Ward Mine.
1160	Gold Bearing Limonite with Pyrite and Quartz,	Davidson,	Conrad Hill.
1157	Gold Bearing Limonite and Sulphides (Shaft 1),	Davidson,	Reedy Creek.
1155	Gold Bearing Sulphides,	Davidson,	Conrad Hill.
A.c.106	Gold Ore,	Davidson,	Ward Mine.
A.c.113	Gold Ore Sulphurets,	Davidson,	Cross Mine.
A. 77	Gold Ore Sulphurets, Gold and Silver Ore,	Davidson,	Cid Mine.
M.1390	Gold Ore Sulphurets,	Davidson,	Peter's Mine.
A.c.112	Gold Bearing Sulphurets,	Davidson,	Cid Mine.
			Emmons S'ft.
			Southern Gold Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1055	Gold, with Oxides of Iron in Quartz,	Davidson,	Conrad Hill.
A. 104	Gold Bearing Limonite,	Davidson,	Hepler Mine.
R.&D.	Gold Ore,	Davidson,	Little Lead Mine.
M.1385	Gold Bearing Sulphurets,	Davidsson,	Styles Mine.

## CASE XV.

1224	Gold, with Sulphides, Malachite and Limonite in Quartz,	Davidson,	Conrad Hill.
M.1389	Gold Bearing Sulphurets,	Davidson,	Gold Ridge Mine.
1223	Gold Bearing Slate, with Pirite,	Davidson,	Ethan Allen Mine.
1268	Gold Bearing Slate, Decom.,	Davidson,	Ward Mine.
1159	Gold Bearing Pyrite, with Quartz,	Davidson,	Glenna Mine.
1057	Gold Bearing Sulphides in Ferruginous Quartz,	Davidson,	Loften Mine.
1269	Wall Slate from Conrad Hill Gold Mine,	Davidson,	Conrad Hill.
1265	Gold-bearing Pyrite and Limonite, with Quartz and Slate,	Davidson.	Ethan Allen Mine.
1333	Gold Bearing Ferruginous Slaty Quartz,	Davie,	Jerusalem.
1158	Gold Bearing Sulphides of Copper and Iron with Quartz,	Davidson,	Loften Mine.
1058	Gold Bearing Sulphides of Ferruginous Quartz,	Davidson,	Harris Mine.
1267	Gold Bearing Sulphides in Slate,	Davidson,	Skeen Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1156	Gold Bearing Ferruginous Quartz and Slate,	Davidson,	Conrad Hill.
53	Gold Gravel,	Davidson,	Oak Hill Mine.
52	Gold Bearing Sulphurets,	Davidson,	Harris Mine.
1204	Gold Bearing Quartz, Granular and Iron Stained,	Gaston,	King's Mt. Mine.
1206	Gold Bearing Quartz, Cellular and Iron Stained,	Gaston,	King's Mt. Mine.
1249	Gold Bearing Chalcopyrite, Partly altered in Quartz,	Gaston,	Crowder's Mt. Mine.
1250	Gold Bearing Ferruginous Quartz,	Gaston,	Crowder's Mt. Mine.
A.51	Gold Bering Sulpharet,	Gaston,	T. M. Talcott.
M.1207	Gold Ore, Free Milling,	Gaston,	Crowder's Mt. Mine.
M.1251	Gold Bearing Limonite,	Gaston,	Caledonia.
1209	Gold Bearing Sulphides in Quartz,	Gaston,	Crowder's Mt. Mine.
1225	Gold Bearing Ferruginous Quartz,	Guilford,	High Point.
A.80	Gold, Free, in Limestone,	Gaston,	King's Mt. Mine.
M.1209	Gold Bearing Sulphuret,	Gaston,	Crowder's Mt. Mine.
1361	Gold Bearing Pyrite, with Quartz and Cyanite,	Gaston,	Crowder's Mt. Mine.
	Gold Ore, Free Milling,		
	Brown Ore, Gaston,		Long Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1257	Gold Bearing Limonite, with Quartz,	Guilford,	Greensboro.
A.50	Gold Bearing Sulphuret,	Gaston,	T. M. Talcott.
R.&D.	Gold, Free,	Gaston,	King's Mt. Mine.
1230	Gold Bearing Quartz, Ferruginous and Pyritiferous,	Granville,	Venable.
1066	Gold, with Sulphides in Quartz,	Granville,	Sassafras Fork.
1068	Gold Bearing Ferruginous Quartz Slate,	Granville,	Young's X Roads.
58	Gold Bearing Sulphurets,	Guilford,	North State Mine.
A.125	Gold Bearing Sulphurets,	Guilford,	Fisher Hill.
59	Gold Bearing Sulphurets,	Gailford,	Lindsay Mine.
1184	Gold Bearing Slaty Quartz,	Guilford,	Greensboro.
1255	Gold Bearing Pyrite in Ferruginous Quartz,	Guilford,	Stowe's Farm.
1161	Gold Bearing Sulphides in Quartz,	Davidson,	Loften.
A.C.109	Gold Bearing Sulphides,	Davidson,	Conrad Hill.
1347	Gold Bearing Limonite in Quartz,	Davidson,	Conrad Hill.
1349	Gold Bearing Sulphide Pyrite, with Quartz,	Davidson,	Ethan Allen Mine.
1270	Gold Bearing Cellular, Ferruginous Decomposed Material,	Davidson,	Conrad Hill.
1186	Gold Bearing Pyrite and Carbonate of Copper with Qu'tz,	Guilford,	Lindsay Mine.
A.B.C.105	Gold Bearing Sulphurets,	Davidson,	Welborn Mine.
1348	Gold-bearing Sulphides of Copper and Iron,	Davidson,	Conrad Hill.
A.80	Gold Bearing, Free,	King's Mt. Mine.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Gold Bearing Brown Ore,	M'klenburg,	McQuay Mine.
	Gold Bearing Quartz in Limestone,	Gaston,	King's Mt.
1203	Gold Bearing Sulphides and Copper Carbonate, with Ferruginous Quartz and Slate,	Gaston,	Duffy Mine.
1185	Gold Bearing Pyrite in Ferruginous Quartz,	Guilford,	High Point.
1320	Gold Bearing Sulphides of Iron and Copper, with Siderite in Quartz,	Guilford,	Lindsay Mine.
1183	Gold Bearing Ferruginous Slaty Quartz,	Guilford,	Greensboro.
1136	Gold Bearing Sulphides in Silicious Slate, Gold Bearing Pyrite,	Montgom'y, Russell. Mecklenb'g, Charlotte.	

## CASE XVI.

M.1395	Gold Ore,	Lincoln,	Barnet Mine.
M.1394	Gold Bearing Sulphurets, Gold Bearing Rock,	Lincoln,	Morrison Mine.
		Henderson,	Boyleston Mine.
A.124	Gold Bearing Sulphurets, Gold Ore,	Guilford,	Fentress Mine.
4210	Gold Ore,	Halifax,	A. J. Yoke, Tr.
1228	Gold Bearing Pyrite and Quartzite,	Halifax,	P. Garrett.
1398	Gold Bearing Ferruginous Cellular Quartz,	Madison,	Laurel Place.
1396	Gold Ore,	Lincoln,	W.A.Graham.
M.1393	Gold Bearing Sulphuret,	Lincoln,	Graham Mine.
R. & D.	Gold Bearing Sulphuret,	Guilford,	Deep River Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
M.1182	Gold Bearing Sulphuret,	Guilford,	Pearson Mine.
A.157	Gold Bearing Sulphuret,	M'klenburg,	St.Catherine
			Mine.
1126	Gold Bearing Ferruginous Slaty Material (Brown),	M'klenburg,	McGinn Mine.
A.71	Gold Bearing Sulphuret,	M'klenburg,	Chinquapin Mine.
1113	Gold Bearing Pyrite Quartz in Slate,	M'klenburg,	McGinn Mine.
A.73	Gold Bearing Sulphuret,	M'klenburg,	Duffee Mine.
1095	Gold, Free, with Pyrite and Limonite in Quartz,	M'klenburg,	Huntersville.
R. & D.	Gold Ore,	M'klenbnrg,	Capp's Mine.
2222	Gold Bearing Ferruginous Quartz, with Pyrite,	M'klenburg,	Hopewell Mine.
1033	Gold Bearing Sulphides in Ferruginous Quartz,	M'klenbnrg,	Wilson Mine.
1116	Gold Bearing Sulphides in Quartz,	M'klenburg,	Rndisil Mine.
1039	Gold Bearing Pyrite in Qn'tz,	M'klenburg,	Smart Mine.
1037	Gold, with Sulphides in Quartz,	M'klenburg,	Trotter Mine.
A 74	Gold Bearing Sulphurets,	Mecklenb'g,	Rudisil Mine.
1032	Gold Bearing Pyrite in Ferru- ginous Quartz,	Mecklenb'g,	Wilson Mine.
1036	Gold, with Sulphides in Quartz,	Mecklenb'g,	Elliott Mine.
M.1401	Gold, Free Milling,	Mecklenb'g,	Simpson Mine.
1031	Gold, with Limonite and Slate,	Mecklenb'g.	Huntersville.
	Gold Ore, Heavy Sulphurets,	Mecklenb'g,	St. Catherine.
M.1398	Gold Bearing Limonite,	Mecklenb'g.	Henderson Mine.
M.1400	Gold Bearing Sulphurets,	Mecklenb'g.	Maxwell Mine.
1105	Gold Bearing Slate, Decom- composed,	Mecklenb'g.	Matthews Sta.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1026	Gold, with Sulphides in Q'tz,	Mecklenb'g,	Clark Mine.
1024	Gold Bearing Pyrite in Q'tz,	Mecklenb'g,	McGinn Mine.
1025	Gold, with Sulphide in Slate,	Mecklenb'g,	Old Charlotte Mine.
A. 79	Gold Bearing Sulphurets,	Mecklenb'g,	Capps Hill Mine.
1253	Gold Bearing Ferruginous Quartz, with Slate,	Mecklenb'g,	McGinn Mine.
1038	Gold, with Sulphides, Limonite, and Malachite in Quartz,	Mecklenb'g,	Wilson Mine.
1090	Gold Bearing Limonite and Pyrite in Quartz,	Mecklenb'g,	Mrs. Torrence's.
1104	Gold Bearing Slate,	Mecklenb'g,	Matthews M.
1103	Gold Bearing Pyrite, with Quartz,	Mecklenb'g,	McGinn Mine.
1189	Gold Bearing Sulphides, with Limonite in Quartz,	Mecklenb'g,	McGinn Mine.
m.1397	Gold Bearing Sulphurets,	Mecklenb'g,	Henderson M.
1119	Gold Bearing Pyrite, with Limonite and Quartz,	Mecklenb'g,	Wilson Mine.
1190	Gold Bearing Ferruginous Quartz and Slate,	Mecklenb'g,	Morehead's Farm.
1124	Gold, Free, in Limonite and Quartz, Brown Ore,	Mecklenb'g,	Arlington's M.
1118	Gold Bearing Pyrite and Lim- onite,	Mecklenb'g,	Clark Mine.
1128	Gold Bearing Limonite with Quartz and Decomposed Material,	Meckl'n'b'g,	Henderson M.
1122	Gold Bearing Limonite and Pyrite in Quartz,	Meckl'n'b'g,	Henderson M.
1096	Gold Bearing Pyrite in Qu'tz,	Meckl'n'b'g,	Maxwell Mine.
1108	Gold Bearing Ferruginous Quartz, Free Milling,	Meckl'n'b'g,	Clark Mine.
1030	Gold, with Sulphide in Qu'tz,	Meckl'n'b'g,	Trotter Mine.
A.90	Gold Ore,	Meckl'n'b'g,	YandlePr'sp'ct.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1097	Gold Bearing Ferruginous Quartz,	Meckl'n'b'g,	Old Charlotte Mine.
1034	Gold with Sulphides in Qu'tz,	Meckl'n'b'g,	Williams Mine.
1256	Gold Bearing Sulphides in Quartz,	Guilford,	North State M.
1123	Gold Bearing Pyrite, with Quartz,	Meckl'n'b'g,	Old Charlotte Mine.
1342	Gold, Free, Sulphide with Quartz,	Meckl'n'b'g,	Capps Mine.
1093	Gold, Free, with Limonite in Quartz,	Meckl'n'b'g,	Johnson Mine.
1352	Gold Bearing Limonite, Brown Ore,	Meckl'n'b'g,	Dunn's Miue.

## CASE XVII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1092	Gold Bearing Ferruginous Slate,	Meckl'nb'g,	Brush Hill.
1353	Gold Bearing Sulphide in Slate,	Meckl'nb'g,	Trotter Mine.
1028	Gold, with Sulphides and Limonite in Quartz,	Meckl'nb'g.	
1111	Gold Bearing Quartz,	Meckl'nb'g,	Brawley Mine.
1124	Gold, Free, in Limonite, Brown Ore,	Meckl'nb'g,	Arlington M.
1121	Gold Bearing Quartzite, Fer- ruginous, Decomposed Ma- terial,	Meckl'nb'g,	Williams M.
1188	Gold Bearing Ferruginous Quartz,	Meckl'nb'g,	Trotter Mine.
1102	Gold Bearing Quartz and Sesquioxide of Iron,	Meckl'nb'g,	Gus Young's.
1130	Gold Bearing Slate,	Montg'm'y,	Carter Mine.
1091	Gold Bearing Sulphides in Quartz,	Meckl'nb'g,	Trotter Mine.
1110	Gold Bearing Pyrite, with Quartz,	Meckl'nb'g,	Wilson Mine.
1114	Gold, Free, in Quartz and Hornblende,	Meckl'nb'g,	Brawley Mine.
1042	Gold Bearing (?) Pyrite in Slate,	Montg'm'y,	Spencer's Creek.
1112	Gold Bearing Sulphides of Copper and Iron,	Meckl'nb'g,	Rudisil Mine.
1129	Gold Bearing Iron Oxides, Brown Ore,	Meckl'nb'g,	Dunn Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1192	Gold Bearing Ferruginous Quartz,	Meckl'n'b'g,	David Parks Mine.
1125	Gold Bearing Pyrite and Limonite,	Meckl'n'b'g,	Clark Mine.
1094	Gold Bearing Quartz, with Sulphide and Carbonate of Copper,		[Mine.]
1027	Gold Bearing Pyrite,	Meckl'n'b'g,	
1115	Gold, Free, in Limonite and Decomposed Material, Brown Ore,	Meckl'n'b'g,	Harlstuff M.
1023	Gold Bearing Pyrite, with Quartz,	Meckl'n'b'g,	Davidson's Mine.
1041	Gold Bearing Slate, Free Milling Ore,	Montg'm'y,	Grandmann Mine.
1137	Gold Bearing Slate, Decomposed, Gold-Silver Ore—Pyrite and Galena in Silicified Schist,	Montg'm'y,	Russell Mine.
1355	Gold Bearing Sulphides in Quartz,	Montg'm'y,	Steele Mine.
		Meckl'n'b'g,	Torrence's Mine.
1252	Gold Bearing Sulphides, with Quartz,	Meckl'n'b'g.	Rudisil Mine.
1109	Gold Bearing Ferruginous Quartz,	Meckl'n'b'g,	Rudisil Mine.
1100	Gold Bearing Slate, Ferruginous, Decomposed,	Meckl'n'b'g,	Rudisil Mine.
1107	Gold Bearing Sulphide and Limonite,	Meckl'n'b'g,	Rudisil Mine.
1099	Gold Bearing Ferruginous Quartz,	Meckl'n'b'g,	Rudisil Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1046	Gold Bearing, Decomposed Free Milling Slate,	Montg'm'y,	Big Russell Mine.
1047	Gold Bearing Slate, with small Crystals of Pyrite,	Montg'm'y,	Big Russell Mine.
1131	Gold Bearing Slate, Free Milling Ore,	Montg'm'y,	Big Russell Mine.
m.1442	Gold Bearing Sulphurets,	Montg'm'y,	Moore Mine.
1140	Gold Bearing Slate, Decom- posed,	Montgomery,	Sally Coggins Mine.
138	Gold Ore, Free Milling,	Montgomery,	N. Russell Mine.
1340	Gold Bearing Pyritiferous Slate,	Montgomery,	N. Russell Mine.
1135	Gold Bearing Slate,	Montgomery,	N. Russell Mine.
1139	Gold Bearing Slate,	Montgomery,	Hinkley's Mine.
1141	Gold Bearing Slate, Decom- posed, Ferruginous,	Montgomery,	Troy Mine.
m.1409	Gold Bearing Sulphurets,	Montgomery,	Steele Mine.
A.152	Gold, Free,	Montgomery,	H. McCoy,
1134	Gold Bearing Slate, with Small Per Cent. of Pyrite,	Montgomery,	Russell Mine.
1045	Gold Bearing Slate, Free Milling,	Montgomery,	Coggins' Mine.
1132	Gold Bearing Slate,	Montgomery,	Russell Mine.
55	Gold Bearing Sulphurets, Gold Ore, Decomposed Auriferous Schist,	Montgomery,	Eureka Mine. Bright Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1140	Gold Bearing Slate, Decomposed,	Montgomery,	Sally Coggins' Mine.
1138	Gold Bearing Slate, Decomposed,	Montgomery,	Russell Mine.
A.153	Gold Bearing Sulphurets,	Montgomery,	Steele Mine.
1339	Gold Bearing Slaty Quartz,	Montgomery,	Russell Mine.
M.1407	Gold Bearing Sulphurets,	Montgomery,	Moore Mine.
M.1405	Gold Ore, Free Milling,	Montgomery,	Coggins' Mine.
1341	Gold Bearing Sulphides of Zinc and Iron, with Quartz,	Montgomery,	Henderson M.
A.146	Gold Bearing Sulphurets,	Montgomery,	Maratock M.
A.156	Gold Ore, Free Milling,	Montgomery,	Saunders M.
1049	Gold Bearing, Decomposed, Free Milling Slate,	Montgomery.	N. Russell's M.
1044	Gold Bearing Slate,	Montgomery,	Russell Mine.
M.1403	Gold Bearing Sulphurets,	Moutgomery.	B. T. Coggins' Mine.
54	Gold Ore, Free Milling, Gold Ore, Free Milling Quartz,	Montgomery,	Russell Mine.
1227	Gold Bearing Slate,	Montgomery.	Hinkley Mine.
1133	Gold Bearing Silicious Slate,	Montgomery.	Russell Mine.
A.32	Gold Ore, Free Milling,	Montgomery,	C. C. Wade.
1040	Gold Bearing Sulphides in Slate, Albitic Rock, Gold Ore, Decomposed	Montgomery,	Steele Mine.
	Auriferous Schist,	Montgomery,	Russell Mine.
	Gold Ore, Silicious Auriferous Schist,	Montgomery,	Ophir.
1043	Gold Bearing, Decomposed Slate,	Moutgomery,	Little Calvin Russell Mine.

## CASE XVI., DECK.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1354	Gold, Free, with Pyrite and Chalcopyrite in Quartz,	Mecklenb'g,	Arlington Mine.
1117	Gold Bearing Pyrite and Limonite, with Quartz,	Mecklenb'g,	Old Charlotte Mine.
1020	Gold, with Sulphide in Slate,	Mecklenb'g,	Hales Mine.
1098	Gold Bearing Ferruginous (Limonite) Quartz,	Mecklenb'g,	McGinn Mine.
	Gold Ore,	Mecklenb'g,	Henderson M.
1254	Gold Bearing Brown Ochre (Limonite),	Mecklenb'g,	Henderson M.
1022	Gold Bearing Pyrite or Bisulphite of Iron in Quartz,	Mecklenb'g,	Williams M.
	Gold Ore,	Gaston,	King's Mountain Mine.

## CASE XVII., DECK.

1187	Gold Bearing Ferruginous Quartz,	Mecklenb'g,	Ferris Mine.
1029	Gold in Ferruginous Quartz,	Mecklenb'g,	Taylor Mine.
1191	Gold Bearing Sulphides, Gold Ore, (2),	Mecklenb'g,	Wilson Mine.
		Gaston,	King's Mountain Mine.
1127	Gold Bearing Pyrite with Chalcopyrite,	Mecklenb'g,	Capps Hill M.
1021	Gold Bearing Ferruginous Quartz,	Mecklenb'g,	Todd Mine.
1337	Gold Bearing Pyrite in Ferruginous Quartz,	Lincoln,	Lincolnton.

## CASE XVIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1231	Gold Bearing Quartz,	Moore,	Bell Mine.
M.1404	Gold Ore, Free Milling,	M'tgom'ry,	Big Russell.
1048	Gold Bearing Slate, Free Milling Ore,	M'tgom'ry,	S. Moore Mine.
1120	Gold Bearing Ferruginous Quartz,	Mecklenb'g,	Dr. Asbury's Place.
1035	Gold in Granite,	Mecklenb'g,	Rudisil Mine.
A. 149	Gold Ore,	M'tgom'ry,	Galena Mine.
A. 34	Gold Ore, Free Gold Grit,	M'tgom'ry,	Bunnel M'tn.
R. & D.	Gold Ore, Free Milling,	M'tgom'ry,	Russell Mine.
A. 151	Gold Ore, Free Milling,	M'tgom'ry,	Appalachian Mine.
139	Gold Bearing Sulphurets,	M'tgom'ry,	Blackmer Mine.
A. 154	Gold Ore, Free Milling,	M'tgom'ry,	Ophir Mine.
A. 148	Gold Ore, Free Milling.	M'tgom'ry,	Bray Mine.
137	Gold Ore, Free Milling,	M'tgom'ry,	Grandmain Mine.
A. 147	Gold Ore,	M'tgom'ry,	Maratock Mine.
A. 150	Gold Ore, Free Milling,	M'tgom'ry,	Bright Mine.
15	Gold Ore,	Moore,	Belle Mine.
141	Gold Ore, Free Milling,	Moore,	Deaton Mine.
5	Gold, Free,	Moore,	Belle Mine.
128	Gold Ore, Free Milling,	Moore,	Brown Mine.
A. 127	Gold Ore, Free Milling,	Moore,	Huntly Hill.
1331	Gold Bearing Slate,	Moore,	Belle Mine.
A. 126	Gold Ore, Free Milling,	Moore,	Cagle Mine.
140	Gold Ore, Free Milling,	Moore,	Monroe Mine.
1335	Gold Bearing Sulphide (Pyrite) in Ferruginous Quartz,	Person,	Woodsdale.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Gold Ore,	Moore,	N. C. Gold Co.
1237	Gold Bearing Slate, Pyritiferous, Decomposed,	Randolph,	Jones Mine.
1234	Gold Bearing Slate, Decomposed, Iron Stained,	Randolph,	Wilson, Kindley Mine
1241	Gold Bearing Sulphides (Pyrites) in Slate,	Randolph,	Jones Mine.
1242	Gold Bearing Pyrite with Quartz,	Randolph,	Jones (Keystone) Mine.
1218	Gold Bearing Quartz and Limonite,	Randolph,	Jones Mine.
1235	Pyrite in Slate,	Randolph,	Jones Mine.
A. 168	Gold Ore, Free Milling,	Randolph,	Hoover Hill.
60	Gold Ore, Free Gold,	Randolph,	Redding Mine.
M. 1243	Gold Bearing Sulphurets,	Randolph,	Jones Mine.
1217	Gold Bearing Slate with Hornblende,	Randolph,	Parish Mine.
A. 70	Gold Ore, Free Milling,	Randolph,	Parish Mine.
M. 1415	Gold Bearing Sulphurets,	Randolph,	Shiplett's M.
1239	Gold Bearing, Decomposed, Ferruginous Material,	Randolph,	Jones Mine.
1240	Gold Bearing, Ferruginous Slate,	Randolph,	Jones (Keystone) Mine.
2253	Gold Ore,	Moore,	Cheek Mine.
A. 66	Gold Ore, Free Milling,	Randolph,	Delk Mine.
M. 1215	Gold Ore,	Randolph,	Jones Mine.
A. 67	Gold Ore,	Randolph,	Hoover Hill M.
A. 69	Gold Bearing Sulphurets,	Randolph,	Jones Mine.
1219	Gold Bearing, Pyritiferous Quartzose Slate,	Randolph,	Hoover Hill M.

## CASE XIX.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 107	Gold Bearing Sulphurets,	Randolph,	Raper Mine.
A. 68	Gold Ore,	Randolph,	Herring Mine.
1236	Gold Bearing Sulphide in Slate,	Randolph,	Jones Mine.
1216	Gold Bearing Sulphide in Quartz,	Randolph,	Edwards Mine.
	Gold Ore, Auriferous Pyritic Schist,	Randolph,	Jones (Key- stone) Mine.
A. 12	Gold Bearing Sulphurets,	Rowan,	Stockton Mine.
M. 1429	Gold Bearing Sulphurets,	Rowan,	South'n Belle.
A. 121	Gold Bearing Sulphurets,	Rowan,	Wilson Mine.
A. 100	Gold Ore,	Rowan,	Crof. Miller M.
1216	Gold Bearing Sulphides.	Randolph,	Edwards Mine.
A. 23	Gold Bearing Sulphurets,	Rowan,	Reimer Mine.
A.C. 101	Gold Ore,	Rowan,	Crof. Miller M.
A. 115	Gold Bearing Sulphurets,	Rowan,	Hartman Mine.
c. 31	Gold Bearing Sulphurets,	Rowan,	DutchCreek M.
A. 21	Gold Ore,	Rowan,	Honeycut Gold Mine.
A. 118	Gold Ore, Gold Ore,	Rowan,	Heilig Mine.
A. 25	Gold Bearing Sulphurets,	Rowan,	Gold Hill M.
A. 116	Gold Ore,	Rowan,	Cope Mine.
62	Gold Bearing Sulphurets,	Rowan,	H. Grupy M.
A. 10	Gold Ore, .	Rowan,	Klattz Mine.
129	Gold Ore Free Milling,	Randolph,	Union Gold M.
131	Gold Ore,	Rowan,	Pilot Mt. Mine.
A. 29	Gold Bearing Sulphurets,	Rowan,	Kestler Mine.
A. 28	Gold Ore,	Rowan,	DutchCreek M.
			Morgan Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 119	Gold Ore,	Rowan,	Weaver Gold Mine.
A. 11	Gold Ore,	Rowan,	Rumple Old Field Mine.
A. 123	Gold Bearing Sulphurets,	Rowan,	Midway Mine.
A. 26	Gold Bearing Sulphurets,	Rowan,	Gold Knob.
A. 65	Gold Ore,	Rowan,	Kindley Mine.
A. 4	Gold Ore, Auriferous Iron Pyrites,	Rowan,	McM'kin Mine.
130	Gold Bearing Sulphurets,	Rowan,	Randleman M.
A. 22	Gold Ore, Placer,	Rowan,	Gold Hill M.
134	Gold Bearing Sulphurets,	Rowan,	Roseman Mine.
A. 24	Gold Bearing Sulphurets,	Rowan,	"G." Mine.
A. 3	Gold Ore, Auriferous Iron Pyrites,	Rowan,	Isenhour.
63	Gold Ore,	Rowan,	Kluttz Mine.
c. 117	Gold Bearing Sulphurets,	Rowan,	Grupy Mine.
A. 122	Gold Ore, Auriferous Limon- ite,	Rowan,	Holtshouser Mine.
A. 155	Gold Bearing Sulphurets,	Rowan,	Gold Knob Mine.
A. 110	Gold Ore,	Rowan,	Shirley Mine.
A. 99	Gold Bearing Sulphurets, Gold Ore, Brown Ore, with Sulphurets,	Rowan,	Dunn's Mt. Mine.
			Holtshouser Mine.
	Gold Ore, Free Milling Brown Ore,	Rowan,	Dutch Creek Mine.

## CASES XVIII. AND XIX., DECK.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 27	Gold Ore,	Rowan,	Cunningham Mine.
1302	Gold Bearing Sulphide with Quartz,	Rowan,	Randleman's Mine.
1275	Gold Bearing Ferruginous Quartz, Gold Ore,	Rowan, Rowan,	Dutch Creek. Gold Hill M.
A. 166	Gold Ore, Free Gold,	Randolph,	Riddings Mine.
913	Gold Bearing Sulphurets,	Rowan,	Honeycut M.
1276	Gold Bearing Sulphides,	Rowan,	Dunn's Mt.
1274	Gold Bearing Ferruginous Quartz, Gold Ore,	Rowan, Rowan,	New Discovery Mine. Gold Hill M.
1271	Gold Bearing Sulphide and Oxide of Copper in Quartz,	Rowan,	Gold Knob M.
	Gold Ore,	Rowan,	Dutch Creek M.
A. 15	Gold Quartz Ore,	Stanly,	Parker Mine.

## CASE XX.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
M. 1419	Gold Bearing Copper Ore,	Rowan,	Gold Hill.
	Gold Bearing Sulphurets,	Rowan,	Stockton Mine.
A. 164	Gold Ore, Ferruginous and Cupriferous, in Quartz,	Rowan,	Watt Mine.
M. 1423	Gold Bearing Sulphurets,	Rowan,	Grupy Mine.
M. 1430	Gold Bearing Sulphurets,	Rowan,	Bullion Mine.
c. 5	Gold Bearing Copper, in Quartz,	Rowan,	Union Mine.
132	Gold Bearing Sulphurets,	Rowan,	Stirewalt M.
c. 31	Gold Bearing Pyrite and Chalcopyrite,	Rowan,	Dutch Creek Mine.
A. 64	Gold in Ferruginous Quartz,	Rowan,	Kluttz Mine.
M. 1431	Gold Bearing Pyrite, Altered in Quartz,	Rowan,	Pool Mine.
1289	Gold Bearing Ferruginous Quartz, Free Milling,	Rowan,	Gold Knob M.
	Gold Bearing, Free Milling, Brown Ore,	Rowan,	Aldrich Mine.
1296	Gold Bearing Limonite, with Quartz, Brown Ore,	Rowan	Southern Bell Mine.
1434	Gold Bearing Pyrite and Chal- copyrite in Quartz,	Rowan,	Howard Mine.
A. c.101	Gold Bearing Chalcopyrite, in Quartz,	Rowan,	Crof Miller Mine.
1281	Gold Bearing Limorite, Quartz,	Rowan,	Dunn's Mt. M.
1300	Gold Bearing Sulphide (Pyrite) with Quartz,	Rowan,	Reimer Mine.
1288	Gold Bearing Sulphide (Pyrite) in Quartzitic, Slaty material,	Rowan,	Gold Hill M.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1278	Gold Bearing Decomposed Material,	Rowan,	Dunn's Mt. M.
1220	Gold Bearing Quartz, Ferruginous, Decomposed,	Rowan,	Dunn's Mt. M.
A. 30	Gold Bearing Sulphurets, in Quartz,	Rowan,	Dutch Creek.
1304	Gold Bearing Pyrite, with Quartz,	Rowan,	Bullion Mine.
1295	Gold Bearing Sulphides, with Quartz,	Rowan,	Grupy Mine.
1069	Gold Bearing, with Sulphides in Quartz,	Rowan,	Goodman M.
1074	Gold in Slate with Sulfide,	Rowan,	Gold Hill.
1279	Gold Bearing, Decomposed, Ferruginous Material,	Rowan,	Dunn's Mt. M.
1318	Gold Bearing Sulphide (Pyrite), in Ferruginous Quartz,	Rutherford, Head Waters of 2d Broad River.	
1293	Gold Bearing Ferruginous Quartz,	Rowan,	Pool Mine.
1070	Gold in Free Milling Quartz,	Rowan,	Gold Knob.
1073	Gold, with Limonite in Quartz,	Rowan,	Dunn's Mt. M.
1286	Gold Bearing Material,	Rowan,	Gold Hill M.
1071	Gold with Sulphides in Quartz,	Rowan,	Yadkin Mine.
1287	Gold Bearing Sulphide of Iron and Copper (Chalco-pyrite) in Slate,	Rowan,	Gold Hill M.
1298	Gold Bearing Gravel, Ferruginous and Quartzitic,	Rowan,	Reimer Mine.
1222	Gold Bearing Slate,	Rowan,	Dunn's Mt. M.
1220	Gold Bearing Ferruginous Quartz,	Rowan,	Dunn's Mt. M.
1221	Gold Bearing Pyrite,	Rowan,	Luckey's.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1285	Gold Bearing Ferruginous (Limonitic) Quartz,	Rowan,	Dunn's Mt.
1284	Gold Bearing Ferruginous Decomposed Material,	Rowan,	Dunn's Mt.
1280	Gold Bearing Limonite, with Quartz,	Rowan,	Dunn's Mt.
1277	Gold Bearing Sulphide in Ferruginous State,	Rowan,	Dunn's Mt.
1291	Gold Bearing Quartz, Iron Stained, Free Milling,	Rowan,	Holtshouser M.
1294	Gold Bearing Sulphide of Cop- per and Iron, in Quartz,	Rowan,	Anderson's M.
1053	Gold Bearing Sulphide, Al- tered, in Quartz,	Rowan,	Anderson's M.
1072	Gold with Sulphides,	Rowan,	Reimer Mnie.
1301	Gold Bearing Sulphide (Py- rite) in Quartz,	Rowan,	Reimer Mine.
1317	Gold Bear'g Ferruginous Q'tz,	Rutherford,	Headwaters of Second Broad River.
1226	Gold Bear'g Ferruginous Q'tz,	Rutherford,	Jamestown.
1319	Gold Bear'g Pyrite in Quartz,	Rutherford,	Headwa- ters of Second Broad River.
1194	Gold Bear'g Sulphides in Q'tz,	Stanly,	Hearne M.
1198	Gold Bear'g De'posed Mater'l,	Stanly,	Cowell M.
A. 144	Gold, Free, in Quartz,	Stanly,	Hearn & Haithcock.
M.1438	Gold Bearing Sulphurite,	Stanly,	Barringer M.
A. 103	Gold, Free, Quartz in Slates,	Stanly,	Barringer M.
M.1196	Gold, Free, in Quartz, Gold in Pyritic Slate,	Stanly, Rowan,	Louder Mine. Gold Hill. McMakin Mine.

## CASE XXI.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 17	Gold, Free, in Quartz,	Stanly,	Flint Sp'g M.
1258	Gold Bearing Ferruginous Q'tz and Decomposed Material,	Stanly,	Crowell M.
1199	Gold Bearing Slate, Decom- posed and Iron Stained,	Stanly,	Crowell M.
1201	Gold Bear'g Pyrite, in Q'tz,	Stanly,	Crowell M.
1259	Gold Bearing Ferruginous Decomposed Material,	Stanly,	Crowell M.
1359	Gold, Free, in Quartz,	Stanly,	Biles Mine.
1196	Gold, Free, in Quartz,	Stanly,	Louder Mine.
A. 145	Gold, Free, in Grit,	Stanly,	Hearn & Haithcock.
1358	Gold, Free, in Quartz,	Stanly,	Biles Mine.
SUP.103 }	Gold in Quartzite, Free	Stanly,	Barringer.
	Milling,		
163 }	86 Gold Bear'g Sulph'ets in Slate, Union.	Stanly,	Price Mine.
1200	Gold Bearing Decomposed Material,	Stanly,	Crowell M.
	Gold, Free, in Quartz,	Stanly.	Lo'der Mine.
143	Gold, Free, in Quartz,(3 Spec.),	Stanly,	Lo'der Mine.
1260	Gold Bearing Ferruginous Cellular Quartz,	Stanly,	Crowell.
81	Gold Bearing Sulphurets in Quartz,	Union,	Williams' M.
83	Gold Bearing Sulphurets in Slate,	Union,	Stewart M.
	Gold Bearing Sulphurets,	Tr'sylvania,	Resonour Cr'k Mines.
1351	Gold Bearing Sulphurets, (Pyrhotite, in Quartz.) (2 Spec.)	Tr'sylvania,	Balsom Mt.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
133	Gold Bearing Limonite in Q'tz, Union,		Griffin Mine.
92	Gold Bearing Sulphurets, in Quartz (4 Spec.),	Union,	Crowell M.
1065	Gold and Silver Bearing Sulphides, in Slate,	Union,	Stewart M.
85	Gold Bearing Sulphurets, in Quartz (5 Spec.),	Union,	Seacrest M.
R. & D.	Gold Bearing Quartz, Free-Milling, (5 Spec.)	Union,	[Mine.]
	Gold Bear'g Sulph'ets in Schist,	Union,	Bright L'ht
A. B.	91 Gold and Silver Bearing Sulfurite,	Union,	Price Mine.
	93 Gold Bearing Sulphurets, in Quartz,	Union,	Pfifer Mine.
	94 Gold Bear'g Sulphurets in Slate, Union, Gold, Free, in Quartz,	Union,	Crump Mine.
	95 Gold, Free, in Quartz,	Union,	Monroe M.
A.	72 G'd Bear'g Sulph'ets in Q'tzite, Union,		Starnes M.
A.	96 Gold, Free Milling Ore,	Union,	Howe M.
	87 Gold Bear'g Sulphurets in Slate, Union,		Louis Hill.
A.	98 Gold Bearing Limonite in Quartz (2 Spec.),	Union,	Smart Mine.
1061	Gold, Free, in Silicious State,	Union,	Aldrich M.
	82 Gold Bearing, Sulphurets, Limonite and Malachite,	Union,	Howe M.
	Gold Bearing Quartz,	Wilson,	Counder M.
1059	Gold Bearing Quartz,	Union,	Toisnot.
1062	Gold Bearing Sulphides in Slate,	Union,	Harkness M.
	1064 Gold in Slaty Quartz,	Union,	Howie Mine.
1229	Gold Bearing Ferruginous Quartz and Brown Ore,	Warren,	Darr's Mine.
1336	Gold Bearing Sand,	Warren,	n'r Littleton.
	Gold Bearing Pyrite in Slate,	Wake,	Wm. Alston.
1314	Gold Bearing Quartz and Decomposed Material,	Watauga,	Cary.
			Pogue Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1315	Gold Bear'g Ferruginous Q'tz, Watauga,		Pogne Mine.
1316	Gold Bear'g Ferruginous Q'tz, Watauga,		Pogue Mine.

## DECK (CASES XX. AND XXI.)

34	Gold Bearing Sulphurets,	Union,	Chapman.
1238	Gold Bearing Ferrugin's Slate,	Randolph,	Jones' Mine.
1292	G'd Bear'g Limonite, with Q'tz,	Rowan,	Dutch Creek.
1297	Gold Bear'g Sulphide in Q'tz,	Rowan,	Southern Belle Mine.
	Gold Bear'g Sulphide in Q'tz,	Rowan,	Randleman.
1357	Gold Bear'g Sulphide in Q'tz,	Rowan,	Reimer M.
	Gold Bear'g Silicified Schist,	Union,	Howie M.
1283	Gold Bear'g Sulphide (Pyrite) and Limonite,	Rowan,	Dunn's Mt.
1350	Gold Bearing Sulphide of Copper and Iron,	Davids'n,	Eureka Mine.
	Gold Bearing Sulphide,	Union,	Crowell Mine.
1299	Gold Bearing Sulphide (Pyrite) in Quartz,	Rowan,	Reimer Mine.
	Gold Bearing Pyrite,	Gaston.	
	Gold Bearing Sulphides,	Rowan,	Gold Hill.
1290	Gold Bearing Quartz, Ferru- ginous and Partly Decom- posed,	Rowan,	Holtshauser.
1356	Gold Bearing Ferruginous Quartz,	Rowan,	Dunn's Mt.
1397	Gold Bearing Quartz, Free Milling,	Stanly,	Hearn Mine.

## SILVER ORES.

## CASE XXII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2540	Silver Bearing Sulphides,	Cabarrus	
		and Rowan,	Union Mine.
2520	Sphalerite (Sulphide of Zinc),	Cabbarus,	Troutman.
2541	Galenite (2 Spec.),	Clay,	Shooting Creek.
2516	Galenite,	Ashe,	Weaver's Ford.
2538	Galenite,	Alexander.	
2505	Native Silver, with Galenite and Pyrite,	Cabarrus, and Rowan,	Union Mine.
2534	Galenite, (with Argentiferous Tetrahedrite),	Cabarrus,	McMackin.
2535	Galenite,	Chatham.	
2224	Galenite (2 Spec.),	Chatham,	Clegg Mine.
2525	Galenite,	Caldwell,	Baker Mine.
2526	Galenite (2 Spec.),	Caldwell,	Baker Mine.
2528	Silver Bearing Sulphides, Silver Ore, (Argentiferous Sul- phurets),	Davidson,	Silver Hill.
		Davidson,	Silver Valley.
2542	Galenite,	Davidson,	Lexington.
2529	Silver Bearing Galenite, with Pyrite in Quartz,	Davidson,	Lexington.
20	Native Silver,	Davidson,	Silver Hill.
	Silver Ore (Argentiferous Ga- lena),	Davidson,	Silver Hill.
2513	Native Silver (2 Spec.),	Davidson,	Silver Hill.
2504	Silver Bearing Sulphides,	Davidson,	Silver Valley.
b.76	Argentiferous Sulphurets, Silver Ore,	Davidson,	Indian Hill.
	Silver Bearing Copper Ore,	Davidson,	Silver Hill.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2527	Silver Ore (Argentiferous Sulphurets),	Davidson,	Silver Valley.
A.B.158	Argentiferous Auriferous Galena,	Rowan,	Fisher Mine.
b. 75	Argentiferous Galenite,	Davidson,	Silver Hill.
34	Silver Ore,	Davidson,	Silver Valley.
2502	Silver Bearing Sulphides,	Rowan and Cabarrus,	Troutman.
	Silver Ore (Argentiferous Sulphurets),	Davidson,	Silver Valley.
	Silver Ore (Argentiferous Galena),	Davidson,	Welborn Mine.
2517	Galenite, or Galena with Chalcopyrite,	Davidson,	Lexington.
2523	Sphalerite, Blende (with Quartz),	McDowell,	Dobson's Mine.
2248	Pyrite and Galenite (said to carry Silver),	Macon,	Cowis Creek.
	Silver Ore,	Davidson,	Silver Hill.
	Silver Ore,	Union,	Smart Mine.
	Silver Ore,	Davidson,	Silver Hill.
2539	Galenite (containing Silver),	Rowan and Cabarrus,	Trontman's.
2512	Silver Bearing Sulphides,	Swain.	
2503	Silver Bearing Galenite, with Pyrite,	Rowan,	Troutman.
2522	Sphalerite (3 Spec.),	McDowell,	Dobson's Mine.
	Silver Ore (Galenite),	McDowell,	Demming & Co.
2521	Sphalerite,	McDowell,	Dobson's Mine.
2506	Silver bearing Sulphide, with Hematite,	M'ntg'mery,	Henderson.
2533	Silver Bearing, Blende and Galenite,	M'ntg'mery,	Henderson.
2536	Galenite,	Randolph,	Homes' Hill.
b. 2	Argentiferous Galena and Manganese,	Rowan,	Union Silver.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A.B.158	Auriferous Argentiferous Galena,	Rowan,	Fisher Mine.
	Silver Ore (Argentiferous Galena),	Rowan,	Union Silver.
A.1	Argentiferous and Auriferous Zinc Blende and Galena,	Rowan,	Troutman.
2511	Silver Bearing Sulphides,	Rowan,	Troutman.
2537	Galenite, Galena, Lead Sulfide,	Union,	Stewart Mine.
2515	Galenite,	Union,	Smart Mine.
2510	Silver Bearing Galenite,	Watauga,	Pogue.
2532	Silver and Pyrite,	Watauga,	Clingman's.
2510	Silver Bearing Galenite,	Watauga,	Pogue.
2543	Silver Bearing Galenite, with Magnetite,	Watauga,	Pogue,
2500	Silver Bearing Sulphides,	Wilkes,	Flint Knob.
2524	Silver with Zinc Blende,	McDowell.	
2507	Silver Bearing Sulphides (Galenite and Pyrite)	Davidson,	Silver Hill.
2508	Galenite and Chalcopyrite, Silver Bearing Galena (6 Spec.)	M'tgomery,	Steele Mine.
2514	Galena, Silver Ore, Sulphurets (Galena Blend),	Davidson, Cabarrus,	Silver Valley.
			Stewart Mine.
2530	Silver on Pyrite, Limonite and Malachite,	Union,	Moore Mine.
		Rowan,	Union Mine.

## COPPER ORES.

## CASE XXIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Copper Ore,	Alamance,	Saxapahaw.
2259	Chalcopyrite,	Alamance,	Saxapahaw.
2181	Mica Schist,	Alleghany,	Peach Bottom.
2218	Copper Pyrites(Ch'lcopyrite),	Alleghany,	Peach Bottom.
2179	Copper Pyrites (4 Spec),	Alleghany,	Peach Bottom.
2183	Copper Pyrites,	Alleghany,	Peach Bottom.
2180	Copper Pyrites,	Alleghany,	Peach Bottom.
2178	Chalcocite (with Galenite),	Alleghany,	Peach Bottom.
2184	Bornite, Chalcopyrite and Galenite,	Alleghany,	Peach Bottom.
2182	Chalcopyrite,	Alleghany,	Peach Bottom.
2177	Chalcopyrite with Galenite,	Alleghany,	Peach Bottom.
2035	Chalcopyrite with Malachite,	Ashe,	near Jefferson.
2018	Chrysacolla, with small % of Malachite,	Ashe,	Copper Knob.
2010	Concentrated Copper Matte from Ore Knob Furnace,	Ashe,	Ore Knob.
2034	Chalcopyrite, Copper Ore (Bornite),	Ashe,	near Jefferson.
2216	Chalcopyrite,	Ashe,	Gap C'k. Mine.
2019	Copper Ore,	Ashe,	Miller Mine.
2023	Pyrite,	Ashe,	Copper Knob.
2017	Chalcopyrite (with Malachite and Limonite),	Ashe,	Elk Knob Mine.
2024	Chalcopyrite with Pyrites, Copper Matte (Double),	Ashe,	Ore Knob Mine.
2006	Bornite and Malachite,	Ashe,	Ore Knob Mine.
2034	Chalcopyrite,	Ashe,	near Jefferson.
2215	Pyrite,	Ashe,	Miller Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2028	Bornite,	Ashe,	Gap Creek.
2027	Bornite, Malachite, &c.,	Ashe,	Gap Creek.
	Copper Ore,	Ashe,	Ore Knob.
	Copper Matte, (Single),	Ashe,	Ore Knob.
2269	Chalcopyrite,	Ashe,	New River.
2000	Native Copper,	Ashe,	Ore Knob.
M.3249	Copper Ore, (Limonite),	Ashe,	Ore Knob.
A.B.C.102	Copper Ore,	Ashe,	Rich Knob.
2021	Gangue Rock, (Hornblende Schist),	Ashe,	Elk Knob Mine.
	Copper Ore,	Ashe,	Ore Knob Mine.
2013	Malacite, (with Ocherous Limonite),	Ashe,	Ore Knob Mine.
	Native Copper,	Ashe,	Ore Knob Mine.
2214	Chalcopyrite,	Ashe,	Elk Knob Mine.
2007	Chalcopyrite, with Pyrites, Copper Ore (Malachite and Chalcopyrite),	Ashe,	Ore Knob Mine.
2033	Malachite (and Chrysocalla),	Ashe,	Gap Creek.
2005	Malachite (in Ocherous Limonite),	Ashe,	Ore Knob Mine.
2019	Chaleo., (with Pyrrhotite),	Ashe,	Ore Knob.
2022	Chalcopyrite, (with Pyrrhotite and Pyrite)	Ashe,	Elk Knob Mine.
2008	Chalcopyrite, (with Pyrite in Quartz),	Ashe,	Ore Knob Mine.
2030	Bornite, (with Chalcopyrite and Malachite),	Ashe,	Gap Creek.
	Pure Copper,	Ashe,	Ore Knob.
2025	Bornite (and Malachite,),	Ashe,	Gap Creek.
	Copper Slag,	Ashe,	Ore Knob.
	Copper Matte Slag,	Ashe,	Ore Knob.
2040	Chalcopyrite (or Copper Pyrites), with Hematite,	Ashe,	Miller's Run.
2032	Malachite,	Ashe,	Gap Creek.
2004	Copper Matte Slag,	Ashe,	Ore Knob.

## CASE XXIII, DECK.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2019	Bornite and Malachite, Copper Ore,	Ashe,	Copper Knob.
	Copper Ore, Bornite (7 Spec),	Granville,	Blue Wing.
	Copper Ore,	Rowan,	
2213	Chalcopyrite, (with Pyrite), (2 Spec.)	Ashe,	Elk Knob.
m.2016	Chalcopyrite, with Pyrrhotite.		

## CASE XXIV.

	Copper Ore (Malachite and Limonite in Quartz,	Ashe,	Copper Knob.
2036	Malachite Green Copper Car- bonate,	Ashe,	Witherspoon.
2217	Bornite (with Calcite, Blende, &c.),	Ashe,	Vaughn's M.
2216	Chalcopyrite, (or Copper Py- rite with Pyrites),	Ashe,	Miller Mine.
2043	Chalcopyrite, (or Copper Pyri- tes and Limonite),	Cabarrus,	Cosby Mine.
2002	Copper Single Matte,	Ashe,	Ore Knob.
2063	Native Copper, Cuprite, Mal- achite,	Alleghany.	
2062 c.	Native Copper, Cuprite, Mal- achite,	Alleghany.	
2055	Chalcopyrite, (Copper Pyrites in Quartz),	Cabarrus,	McMackin.
2047	Malachite, Green Copper Car- bonate,	Cabarrus,	Pioneer Mine.
2062	Chalcopyrite, (Copper Pyrites in Quartz,	Cabarrus,	Barnhardt.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2003	Mica Schist or Slate,	Ashe,	Ore Knob.
2066	Malachite, Green Copper Carbonate,	Cabarrus,	Reed and Allison Mine.
2065	Chalcopyrite, Copper Pyrites in Quartz,	Cabarrus,	American Mining Co.'s Mine.
2045	Chalcopyrite, Copper Pyrites (with Pyrite) in Quartz,	Cabarrus,	Phoenix Mine.
2050	Malachite, Green Copper Carbonate in Quartz,	Cabarrus,	Messman Mine.
2042	Chalcopyrite Copper Pyrites, (2 Spec.)	Cabarrus,	Cosby Mine.
2049	Barnhardtite, (Sulphide of Copper and Iron),	Cabarrus,	Pioneer Mills.
2044	Copper Ore, (Chalcopyrite in Siderite,)	Cabarrus,	Cosby Mine.
2059	Chalcopyrite, (with Limonite Barite,)	Cabarrus,	Flowe Mine.
2052	Malachite, (Green Copper Carbonate,)	Cabarrus,	Peck's Mine.
2048	Copper Ore,	Cabarrus,	Pioneer Mine.
2061	Malachite, Green Copper Carbonate and Siderite,	Cabarrus,	Harrisburg.
2060	Chalcopyrite and Malachite, (with Limonite, Quartz,)	Cabarrus,	Andrews Mine.
2063	Chalcopyrite and Pyrite, in Quartz, Epidote, &c.,	Cabarrus,	Pharr Mine.
2054	Malachite Green Copper Carbonate,	Cabarrus,	Union Mines.
2058	Chalcopyrite Copper Pyrites,	Cabarrus,	Union Mines.
2053	Malachite Green Copper Carbonate,	Cabarrus,	Peck's Mine.
2041	Chalcopyrite,	Ashe,	Miller's Mine.
2048	Chalcopyrite,	Chatham,	Clegg Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2085	Chalcopyrite (with Galenite or lead Sulphide),	Chatham,	Fork of R. and D. Riv's.
2057	Chalcopyrite (with Malachite, and Limonite),	Cabarrus,	Union Mines.
c.7	Auriferous Copper Ore;	Cabarrus,	J. M. Cort.
2056	Chalcopyrite, (with Pyrite),	Cabarrus,	Union Mines.
2076	Pyrite (with Limonite),	Chatham,	Clegg's Mine.
2070	Azurite and Malachite,	Chatham,	Clegg's Mine.
2067	Malachite, Green Copper Carbonate,	Chatham,	Clegg's Mine.
2024	Chalcopyrite, with Pyrite,	Ashe,	Elk Knob Mine.
2081	Chalcopyrite,	Chatham,	New Hope.
2069	Chalcopyrite,	Chatham,	Clegg's Mine.
2080	Chalcopyrite, with Malachite, Copper Carbonate and Pyrite Containing Gold,	Chatham,	Clegg's Mine.
2082	Copper Ore, Chalcopyrite,	Yadkin,	Dixon Mine.
2090	Chalcopyrite,	Chatham,	Clegg's Mine.
2074	Copper Ore, (Azurite and Malachite),	Chatham,	New Hope.
2071	Chalcopyrite,	Chatham,	Clegg's Mine.
2083	Chalcopyrite,	Chatham,	Clegg's Mine.
2223	Chalcopyrite,	Chatham,	Clegg's Mine.
2087	Bornite with Malachite,	Chatham,	Clegg's Mine.
2038	Chalcopyrite (with Galenite),	Chatham,	Cheek Mine.
2268	Malachite, (with Hematite, &c.),	Ashe,	Vaughn's Mine.
2077	Chlorite, (Small Per Cent. Chalcopyrite),	Chatham,	Pittsboro Road.
2091	Chalcopyrite,	Chatham,	Clegg Mine.
2073	Chalcocite, (with Malachite and Chrysocolla),	Chatham,	Centre Township.
2064	Native Copper,	Chatham,	Union Mine.
2026	Malachite, (with Bornite),	Ashe,	Gap Creek Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2015	Chalcopyrite, with Pyrite,	Ashe,	Ore Knob Mine.
2037	Chalcopyrite,	Ashe,	Witherspoon.

## CASE XXV.

2264	Chalcopyrite,	Davidson,	Cid Mine.
2068	Azurate, Blue Copper Carbonate,	Chatham,	Clegg Mine.
2079	Chalcopyrite,	Chatham,	Clegg Mine.
2086	Malachite (and Cuprite),	Chatham,	Pittsboro road.
2089	Malachite,	Chatham,	Brewer Mine.
2078	Bornite Variegated Copper Pyrites,	Chatham,	Clegg Mine.
2225	Azurite, and Pseudo-Malachite,	Chatham,	Clegg Mine.
R. & D.	Chalcopyrite, Copper Ore.	Davidson,	Conrad Hill.
		Davidson,	Cid Mine.
M.3470	Chalcocite,	Davidson,	Cid Mine.
2265	Chalcopyrite, with Galenite and Limonite,	Cleveland,	Shelby.
M.3459	Arsenopyrite (Mispichel),	Cleveland,	Double Shoals.
2226	Chalcopyrite,	Chatham,	Clegg.
2106	Chalcopyrite (partly altered to Oxide of Copper),	Davidson,	Conrad Hill.
c. 9	Copper Ore in Slate,	Cabarrus,	Dry's Mill.
2099	Chalcopyrite with Siderite and quartz,	Davidson,	Conrad Hill.
	Tailings,	Granville,	Blue Wing.
	Pyrite Concentrates,	Granville,	Blue Wing.
	Copper Concentrates,	Granville,	Blue Wing.
	Copper Concentrates,	Granville,	Blue Wing.
	Copper Concentrates,	Granville,	Blue Wing.
	Copper Ore (Chalcocite and Malachite),	Granville,	Blue Wing.
	Copper Ore (Bornite),	Granville,	Blue Wing.
A. 2084	Copper Ore (Bornite),	Granville,	Blue Wing.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
R. & D.	Native Copper Cuprite and Malachite,	Granville,	Blue Wing,
	Copper Ore (Chalcopyrite in Siderite),	Davidson,	Conrad Hill.
A.C.109	Chalcopyrite and Bornite,	Davidson,	Conrad Hill.
ORIG.47	} Chalcopyrite, 2103	Davidson,	Cid Mine.
2105		Davidson,	Conrad Hill.
2102	Malachite, Green Copper Carbonate, (with Pyrite and Quartz),	Davidson,	Conrad Hill.
R. & D.	Malachite and Azurite, Copper Ore,	Granville,	Blue Wing.
2096	Copper Ore,	Davidson,	Conrad Hill.
2093	Chalcopyrite, etc., with Lemonite and Hematite,	Davidson,	Conrad Hill.
2263	Copper Ore,	Davidson,	Cid Mine.
2098	Chalcopyrite,	Davidson,	Conrad Hill.
2104	Malachite,	Davidson,	Conrad Hill.
2260	Pyrite, carrying small per cent. Chalcopyrite, Copper Ore,	Gaston, Davidson,	King's Mt. Conrad Hill.
2095	Chalcopyrite,	Davidson,	Conrad Hill.
2094	Chalcopyrite,	Davidson,	Conrad Hill.
2270	Chalcopyrite,	Guilford,	Guilford.
2162	Chalcopyrite, with Pyrite,	Guilford,	Fentress.
2264	Bornite, Variegated Copper,	Granville,	Royster.
2161	Chalcopyrite,	Guilford,	Leibig.

## DECK, CASES XXIV AND XXV.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
M. 2031	Bornite and Malachite, (2 Specimens), Copper Ore, Copper Ore Chalcopyrite, Copper and Gold Ore, Copper and Gold Ore, Vitreous Copper Ores,	Ashe, Rowan. Chatham, Davidson, Davidson, Granville,	Gap Creek. Clegg Mine. Conrad Hill. Conrad Hill. Earl of Granville.
2020	Chrysocolla, with Malachite and Melaconite, (5 Spec.), Copper Ore, (Malachite in Limonite),	Ashe, Jackson,	Rich Mine. Cullowhee.
2115	Chalcopyrite, with Limonite, M'klenburg.		
M. 2092	Chalcopyrite,	Davidson,	Conrad Hill.
R. & D.	Chalcocite and Malachite,	Granville,	Blue Wing.

## CASE XXVI.

2157	Chalcopyrite, slightly altered in Quartz,	Guilford,	Gardener.
2160	Chalcopyrite, with Quartz,	Guilford,	Liebig's.
2262	Chalcopyrite, (with Pyrite),	Guilford.	
2159	Chalcopyrite,	Guilford,	Cambridge.
2261	Chalcopyrite, (with Limonite),	Guilford,	Gibsonville.
2164	Chalcopyrite, (with Limonite),	Guilford,	Guilford.
2156	Chalcopyrite and Malachite (in Feldspar),	Jackson.	
2155	Malachite and Chalcopyrite,	Jackson,	Savannah.
2153	Chalcopyrite and Malachite, (with Limonite),	Jackson,	Cullowhee.
2152	Chalcopyrite and Malachite,	Jackson,	Cullowhee.
2147	Hornblende Mica Rock, Foot- wall of Vein of 2148,	Jackson,	Waryhut.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2148	Chalcopyrite and Malachite, (with Pyrite),	Jackson,	Waryhut.
2251	Bornite, Variegated Copper Pyrites,	Madison,	Marshall.
2146	Malachite in Ocherous Limo- nite,	Jackson,	New Savan'h.
2154	Chalcopyrite,	Jackson,	Old Savann'h.
2151	Malachite in Limonite,	Jackson.	Cullowee.
2149	Chalcopyrite,	Jackson,	Wolf Creek.
2244	Chalcopyrite, in Quartz,	Lincoln,	Graham's Farm.
2245	Chalcopyrite, in Quartz,	Lincoln,	Hunter.
2252	Chalcopyrite with Galenite and Blende,	Madison,	Marshall.
2114	Chalcopyrite in Quartz,	Mecklenb'g,	Wilson Mine.
2158	Chalcopyrite, Chalcopyrite in Limonite,	Guilford,	Gard'r Hill.
2250	Chalcopyrite,	Mecklenb'g,	Ray Mine.
2101	Decomposed Material from Hanging Wall,	Madison,	Marshall.
2249	Pyrite, with small per cent. of Chalcopyrite,	Davidson,	Conrad Hill.
2150	Chalcopyrite, Malachite and Bornite,	Macon,	J. L. Robinson.
2116	Chalcopyrite in Quartz,	Jackson,	Quallatown.
2113	Chalcopyrite,	Mecklenb'g,	Rudisil Mine.
2119	Barnardtite, containing small per cent. of Gold in Quartz,	Mecklenb'g,	McGinn Mine.
2112	Azurite and Malachite,	Mecklenb'g,	Wilson Mine.
2111	Chalcopyrite,	Mecklenb'g,	Wilson Mine.
2107	Malachite, and Chalcopyrite, with small per cent. of Bornite,	•	Mecklenb'g, Hopewell M.
2246	Malachite, in Limonite,	Macon,	New Savan'ah.
2221	Chalcopyrite with Pyrite and Limonite,	Mecklenb'g,	Ferris Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2108	Chalcopyrite,		Mecklenb'g, Hopewell.
2123	Malachite and Chalcopyrite and Chrysocolla with Quartz,		Mecklenb'g,
2247	Malachite,	Macon,	Swepson.
2219	Chalcopyrite,	Mecklenb'g,	Ray Mine.
2220	Chalcopyrite with Pyrite,	Mecklenb'g,	Ferris Mine.
2118	Chalcopyrite,	Mecklenb'g,	Ray Vein.
2109	Chrysocolla,	Mecklenb'g,	Hopewell.
2120	Chalcopyrite,	Mecklenb'g,	Dunn's Mine.
2110	Chalcopyrite in Quartz,	Mecklenb'g,	Kern's Mine.
2117	Chalcopyrite and Malachite,	Mecklenb'g,	Providence.
2122	Chalcopyrite,	Mecklenb'g,	American Mills.
2121	Chalcopyrite,	Mecklenb'g,	American Mills.
2254	Chalcopyrite,	M'ntg'm'ry,	Troy.
2126	Malachite and Azurite,	Moore,	Cheek Mine.
2129	Azurite and Malachite,	Moore,	J.C. Campbell.
2130	Azurite and Malachite,	Moore,	J. C. Campbell.
2124	Malachite,	Moore,	
2125	Chrysocolla and Azurite,	Moore,	Soapstone Quarry.
2128	Malachite,	Moore,	near Cheek's.
2127	Malachite and Chalcocite,	Moore,	Cheek Mine.

## CASE XXVII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2233	Chalcopyrite,	Orange,	near Hillsboro.
3235	Chalcopyrite,	Orange,	Chapel Hill.
2234	Chalcopyrite,	Orange,	near Hillsboro.
2131	Malachite and Chrysocolla,	Person.	
2229	Vitreous, Copper Ore,	Person,	Mill Creek.
2227	Chrysocolla and Malachite,	Person,	Gillis Mine.
2133	Bornite and Malachite,	Person,	Gillis Mine.
2145	Malachite and Azurite,	Person,	Gillis Mine.
2271	Chalcocite and Malachite,	Person.	Earl Granville.
2141	Chrysocolla and Chalcocite,	Person,	Gillis Mine.
2134	Malachite,	Person.	Gillis Mine.
R. & D.	Chalcocite and Malachite,	Person.	
2231	Azurite and Malachite in Porphyry,	Person,	Mill Creek.
2137	Chrysocolla in Gniessoid Rock,	Person,	Gillis Mine.
2136	Chalcocite with Malachite,	Person,	Gillis Mine.
2230	Malachite,	Person,	Mill Creek.
2140	Malachite and Chrysocolla,	Person,	Gillis Mine.
2144	Malachite,	Person,	Gillis Mine.
2138	Chalcopyrite, in Quartz,	Person,	Gillis Mine.
2132	Chrysocolla, Hydrous Cop- per Silicate in Quartz,	Person,	Gillis Mine.
2141	Chrysocolla, and Chalcocite,	Person,	Gillis Mine.
c. 5	Chalcopyrite (Auriferous),	Rowan,	Union Mine.
2173	Pyritiferous Quartz, Schist carrying Chalcopyrite,	Rowan,	G'ld Hill Mine.
2172	Chalcopyrite,	Rowan,	Crowell Mine.
2174	Chalcopyrite,	Rowan,	Gold Hill Mine.
2167	Chalcopyrite,	Rowan,	Dutch Crk. Mine.
2168	Chalcopyrite,	Rowan,	Balto. Union Mining Co.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
2166	Chalcopyrite, with Pyrites	Rowan,	Balto. Union Mining Co.
2165	Chalcopyrite with Malachite, Rowan,		Balto. Union Mining Co.
2170	Chalcopyrite,	Rowan,	Anderson Mine.
2171	Pyritiferous Schist, carrying Chalcopyrite,	Rowan,	Gold Hill.
2175	Auriferous Chalcopyrite,	Rowan,	Gold Hill.
a.c.114	Chalcopyrite,  Chalcopyrite (in Quartz), Chalcopyrite,	Rowan, Rowan.	Barnhardt Copper Vein. Anderson Mine.
2169	Chalcopyrite, Copper Pyrites,	Rowan,	Anderson Mine.
2239	Chalcopyrite,	Wake,	Crabtree Creek.
2255	Chalcopyrite, in Quartz and Slate,	Surry,	Dobson.
2240	Chalcopyrite,	Wake,	Roseman Place.
125	Gold and Copper Chalcopy- rite,	Rowan.	
4486	Native Copper,	Stokes.	
2256	Chalcopyrite, with Pyrite,	Transyl'nia,	Davidson's River.
2176	Chalcopyrite and Malachite,	Rowan,	nr. Salisbury.
2236	Chalcopyrite, Copper Pyrites,	Wake,	near Raleigh.
2237	Chalcopyrite, Copper Pyrites,	Wake.	
2238	Chalcopyrite,	Wake.	
2241	Malachite,	Warren,	Littleton.
2242	Calcopyrite,	Warren,	Dr. J. E. King.
2257	Chalcopyrite,	Yadkin,	Panther Creek.
2139	Chalcopyrite,  Ingot Copper (two 20 lb Specimens).	Person,	Gillis Mine.

## CASES XXVI AND XXXVII, DECK.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Gold and Copper Ore (large mass),	Rowan,	Howard Mine.
	Bornite (3 large specimens),	Granville,	Blue Wing.
	Ingot Copper, 11 large bars,	Ashe,	Ore Knob.
	Ingot Copper, 6 small bars,	Ashe,	Ore Knob.
G. S. } 2084 @ }	Bornite, 4 large specimens	Granville,	Blue Wing.
	Chalcopyrite, Gold Bearing,	Lincoln,	Graham Mine.
2097	Chalcopyrite,	Davidson,	Conrad Hill.

## CORUNDUM.

## CASE XXVIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Pink Corundum in Hornblende,	Clay,	Buck Creek.
45	Pink Corundum Crystals of Corundum, (15 Specimens.)	Iredell.	
	Pink Corundum,	Iredell.	
4351	Corundum, with Albite,	Clay,	Buck Creek.
3082	Pink Corundum in Green Hornblende,	Clay,	Buck Creek.
W. E. Co. { No. 16 }	Corundum (Gravel),	Jackson,	Sapphire Val'y.
3449	Green Corundum, Pink Corundum (small fragments.)	Clay,	Buck Creek.
3072	Corundum in Riplidolite,	Clay,	Buck Creek.
G. S. { 3064 }	Zoisite, Albite and Corundum,	Clay,	Buck Creek.
	Corundum Gravel,	Clay,	Elf.
	Corundum, double Cleavage,	McDowell,	Demming.
	Corundum, Nodular,	Burke.	
4324	Corundum, with Spinel and Culsageeite,	Buncombe.	
4367	Arfvedsonite, with Gray Corundum,	Clay,	E. Side of Buck Creek.
W. E. C. { 24 }	Corundum,	Jackson,	Sapphire Val'y.
g.s.3071	Pink Corundum in Riplidolite and Smaragdite, Gravel Corundum,	Clay, Madison,	Buck Creek.
4481	Corundum (Ruby) with Smaragdite,	Clay,	Buck Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Corundum in Small Bottles, Walpole Emery Co., Nos. 8, 10, 12, 14, 16, 20, 24, 30, 36, 40, 46, 60, 70, 80, 90, 100, 120, 140, 150, 160, 180, C. F., F., F. F.,		Sapphire Val'y.
3445	Corundum in Riplidolite, Clay,		Buck Creek.
3075	Corundum, with Hornblende and Zoisite, Clay, Corundum, Pink, Gravel, Clay,		Buck Creek. Elf.
M.4353	Corundum, with Margarite and Zoisite, Clay,		Buck Creek.
G.s.3271	Corundum, Buncombe-		
	3074 Pink Corundum in Green Hornblende, Clay,		Buck Creek.
G.s.3089	Corundum, with Zoisite and Margarite, Clay,		Buck Creek.
G.s.3087	Star Corundum in Chrysolite, Clay,		Buck Creek.
G.s.3079	Corundum, with Albite and Hornblende, Clay,		Buck Creek.

## CASE XXIX.

G.s.3079	Corundum and Hornblende, Clay,	Buck Creek.
4358	Corundum and Margarite (former partly altered to the latter), Clay,	Buck Creek.
69	Corundum-	
3074	Pink Corundum, with Zoisite in Green Hornblende, Clay,	Buck Creek.
G.s.3071	Pink Corundum, in Riplido- lite.	
G.s.3036	White and Pink Corundum, with Spinel, Madison,	Carter Mine.
G.s.3064½	Corundum and Zoisite, Clay,	Elf.
G.s.3079	Corundum, Clay, Corundum, a Large Mass of Pink.	Buck Creek. Macon, Franklin.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1	Corundum, Pink and Blue. Cube of Corundum showing output per minute in Macon County in 1894.	Macon,	Franklin.
4347	Corundum, with Smaragdite, Clay, Corundum, with Vermiculite and Chlorite, Blue Corundum, Large Spec.		Buck Creek.
4349	Pink Corundum, in Hornblende,	Clay,	Corundum Hill.
m.3831	Corundum,	Haywood,	Buck Creek.
3073	White Corundum and Margarite,	Clay,	Pigeon River.
3092½	Corundum,	Macon,	Elf.
m.3446	Pink Corundum, in Hornblende,	Clay,	Corn'dum Hill.
m.3837	Corundum, White,	Iredell,	Buck Creek.
m.4365	Corundum, Red, Corundum, Crystals,	Clay,	Buck Creek.
g.s.3084	Corundum with Garnet,	Iredell,	nr. Statesville.
		Clay,	Ledford Mine.

## DECK, CASES XXVIII. AND XXIX.

67	Gray Corundum.		
3443	Gray Corundum,	Clay,	Buck Creek.
g.s.3079	Corundum, with Hornblende (Large Spec.), Corundum, Gray.	Clay,	Buck Creek.
4342	Corundum, Pink Corundum, White Corundum, in Hornblende.	Clay, Iredell.	Buck Creek.
	Corundum,	Madison,	Democrat.
g.s.3079	Corundum, Albite and Hornblende.		
3076	Harmotome, Incrusted on Feldspar, in Corundum Vein,	Clay,	Buck Creek.

100 CORUNDUM IN LARGE BOTTLES ON TOP OF CASE K.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Walpole Emery Co., Nos. 12, 14, 20, 30, 36, 40, 46, 54, 60, 70, 80, 90, 100, 120, 140, 150, F, FF, FFF.		Sapphire Valley.

## CORUNDUM AND ASSOCIATE MINERALS.

## CASE XXX.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3075	Corundum with Hornblende and Zoisite,	Clay,	Buck Creek.
	Chrysolite and Chromite,	Yancey,	Mine Hill.
2182	Chrysolite with Talc,	Yancey,	Price's Creek.
3092	Anthophylite in Chrysolite, Chromite (Nickel Stain),	Macon, Yancey,	Coru'dum Hill. Mine Hill.
3142	Ripidolite in Chrysolite,	Yancey,	Micaville.
3089½	Chrysolite with Ripidolite and Anthophylite,	Clay,	Buck Creek.
2181 A.	Talc and Anthophylite, Chrysolite, Ripidolite, Chro- mite and Talc,	Yancey,	Mine Hill.
	Enstatite,	Macon,	Coru'dum Hill.
	Corundum with Ripidolite,	Macon,	Coru'dum Hill.
3141½	Anthophylite in Chrysolite,	Yancey,	Micaville.
2182 A.	Chromite in Chrysolite,	Yancey,	Price's Creek.
2181 A.	Chrysolite and Serpentine, Chrysolite,	Yancey,	Mine Hill.
	Garnetiferous Gneiss,	Macon,	Coru'dum Hill.
2181 A.	Ripidolite,	Yancey,	Coru'dum Hill.
3143	Anthophylite,	Mitchell.	Mine Hill.
3148	Chrysolite, Containing Chro- mite and Actinolite, Tourmaline,	Yancey, Macon,	Micaville. Coru'dum Hill.
2181 A.	Chromite,	Yancey,	Mine Hill.
	Enstatite and Ripidolite,	Macon,	Coru'dum Hill.
	Chrysolite,	Yancey,	Price's Creek.
	Corundum with Margarite,	Clay,	Buck Creek.
3036½	Ripidolite, Talc, Anthophylite in Chrysolite,	Madison,	Carter Corun- dum Mine.
3146	Talc in Chrysolite,	Yancey,	Micaville.

NO.	SPECIMEN.	COUNTY.	LOCATION.
2181 A.	Chrysolite with Tale, Chromite and Riplidolite,	Yancey,	Mine Hill.
	Riplidolite,	Macon,	Coru'dum Hill.
	Garnetiferous, Biotite Gneiss,	Macon,	Coru'dum Hill.
	Riplidolite,	Macon,	Coru'dum Hill.
	Chrysolite,	Yancey,	Price's Creek.
	Vermiculite,	Macon,	Coru'dum Hill.

## ASBESTOS, NICKEL ORES, METEORITES, &amp;c.

## CASE XXXI.

4217	Amphibole, Var. Asbestos,	Wilkes,	Brushy Mts.
	Meteoric Stone,	Nash,	J. J. Davis.
	Meteoric Iron,	Buncombe,	Hominy Creek.
	Genthite,	Macon,	Corn'dum Hill.
	Meteoric Stone,	Nash,	J. J. Davis.
	Meteoric Iron (23 $\frac{3}{4}$ Pounds),	Rock'gham,	T. B. Lindsay.
	Actinolite,	Macon,	Coru'dum Hill.
4191	Amphibole, Variety Asbestos,	Warren,	nr. Warrent'n.
	Meteoric Iron.		
	Meteoric Iron, Etched,	Rockingham.	
3052	Nickel Ore, Genthite,	Jackson,	Webster.
	Asbestos,	Caldwell,	Prnuett.
3001	Asbestos,	Mitchell,	Eddridge.
3349	Amphibole, Variety Asb'tos,	Caldwell,	near Lenoir.
	Asbestos.	Caldwell,	near Lenoir.
R. & D.	Asbestos,	Jackson,	Webster.
	Asbestos,	Moore,	Belle Mine.
3067	Asbestos,	Cherokee.	
4102	Amphibole, Asb'tos,	Rock'gham,	Smith's River.
53	Asbestos	Caldwell.	
3822	Amphibole, Asb'tos,	Mitchell,	Bakersville.

## DECK, CASE XXX.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
R. & D.	Corundum,	Cherokee,	
	Corundum,	Madison,	Carter's Mine.
	Corundum,	Madison.	
	Corundum, with Margarite, Clay,		Buck Creek.

## DECK, CASE XXXI.

	Corundum, Grey Variety,	Clay.	
	Garnets	Burke.	
3096	Tremolite in Marble,	Cherokee,	Kinsly Quarry.
	Bronzite in Chrysolite,	Jackson,	Webster.
2182 A.	Serpentine, Ripidolite and Chrysolite,	Yancey,	Price's Creek.

## LITHOLOGICAL SPECIMENS.

## CASE XXXII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1170	Gniess,	Alamance,	N. of Melville.
1124	Argillite,	Alamance,	Hillsboro.
1177	Chlorite Gneiss,	Alamance,	J. F. Ganell.
1193	Diorite,	Alamance,	3 Mi. N. E. of Burlington.
1161	Diorite,	Alamance,	Ruffin's Mill.
1201	Pegmatite,	Alamance,	High Falls, Haw River.
1174	Diorite,	Alamance,	Mt. Harmon Church.
1162	Gneiss,	Alamance,	Ruffin's Mill.
1164	Gneiss,	Alamance,	Ruffin's Mill.
1167	Gneiss,	Alamance,	Haw Field's Church.
1175	Chlorite Schist,	Alamance,	Anthony's Gold Mine.
1163	Diorite,	Alamance,	Ruffin's Mill.
1176	Chlorite Schist,	Alamance,	Anthony's Gold Mine.
1554	Soapstone,	Alamance,	Burlington.
1189	Quartz Schist,	Alamance,	5 Mi. S. of Graham.
g.s.2060 (c)	Epidote and Quartz, Gane- gue Rock of, 2063,	Alleghany.	
g.s.2060 (a)	Hornblende Slate, Wall Rock of, 2063,	Alleghany.	
560 iv.	Diabase,	Anson,	Dike Rock, Boggan's Cut.
1457	Sandstone,	Anson,	Boggan's Cut.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
934	Conglomerate,	Anson,	5 mi. W. of Brown Creek.
920	Sandstone,	Anson,	Boggan's Cut.
713	Hornblende Gneiss,	Ashe,	Jefferson.
718	Mica Gneiss,	Ashe,	12 Mi. from Jefferson on W. Road.
836	Magnesite in Chlorite,	Burke,	South Mts.
689	Argillite Schist,	Burke,	Rutherford
978	Flint,	Burke,	Jacob's Fork.
831	I. Cyanite,	Buncombe,	Swannanoa Gap.
g.s.3024	Serpentine, (2 Spec.),	Buncombe,	Alexander.
943	Auger Gneiss,	Burke,	Brindletown.
1130	Aplite,	Caswell,	12 M. S. E. Yanceyville.
561	Diabase,	Caswell,	16 M. S. E. Yanceyville.
1206	Gneiss,	Caswell,	2½ M. S. E. Yanceyville.
1210	Hornblende Schist,	Caswell,	Yanceyville.
1203	Granite,	Caswell,	Yanceyville.
377	I. Aphanite,	Caswell,	3 M. S. W. Leesburg.
1205	Fibrous Hornblende,	Caswell,	2½ M. S. E. Yanceyville.
1204	Gneiss,	Caswell,	2 M. S. E. Yanceyville.
1208	Sericite Schist,	Caswell,	5 M. S. E. Yanceyville.
789	Gneiss,	Caswell,	Hico.
1131	Epidote Diorite,	Caswell,	12 M. S. E. Yanceyville.
377	I. Diorite,	Caswell,	3 M. S. W. Leesburg.
1435	Hornblende Gneiss,	Catawba,	Dan'l Hoover.
785	Quartz,	Catawba,	6 M. E. Icard.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1743	Sericitic Schist,	Catawba,	Shuford's.
1742	Dolomite (Marble),	Catawba,	Shuford's.
1141	Porphyritic Syenite,	Catawba,	Catawba Sta'n.
958	Mica Schist,	Catawba,	Shuford's F't'y.
1741	Hornblende Schist,	Catawba,	Shuford's.
900	Paragonite Schist,	Catawba,	Chestnut Mt.
602	Tremolitic Dolomite,	Catawba,	Harper's.
939	Manganiferous Quartz,	Catawba,	Catawba Sta'n.
784	Paragonite Gniess,	Catawba,	5 Miles East of Icard.
613	Altered Hornblende Gneiss,	Catawba,	Ramseur's.
900 I.	Paragonite Schist,	Catawba,	Rogers Ore B'k.
902	Garnetiferous Mica Schist,	Catawba,	near Icard.
1319	Granite,	Chatham,	3 Miles from Bynum's F't'y.
1322 I.	Syenite,	Chatham,	n'r Alamance line.
1303	Mica Schist,	Chatham,	Top of Hill at Beckham Mine.
1359 I.	Syenite,	Chatham,	Hill near Bynum's.
1089	Argillite,	Chatham,	½ Mi. S. W. of Lockville.
1082	Calcareous Slate,	Chatham,	½ Mi. beyond Gulf.
1073	Pyroxenite,	Chatham,	J.J. Ferrington.
1356	Granite,	Chatham,	Haw River, n'r Bynum's F't'y.
1321	Fine Grained Granite,	Chatham,	Picard's.
1304	Mica Schist,	Chatham,	¼ Mi. N. E. of Buckhorn Mine.
1326	Granite,	Chatham,	5 miles from Bynum's.
1072	Diabase,	Chatham,	Bellevoir.
1084	Pyritiferous Calcareous Shale,	Chatham,	Gulf.
	Banded Gray Marble.		

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Banded Pink Marble.		
	Dark Gray Marble.		
1329	Calcareous Sandstone,	Chatham,	Moncure.
1090	Pyrophyllite Schist,	Chatham,	1½ Mile S. W. of Lockville.
1087	Argillite Slate,	Chatham,	1½ Mile S. W. of Lockville.
1084	Pyritiferous Calcareous Shale,	Chatham,	Gulf.
1077	Concretionary Argillite,	Chatham,	Egypt.
609	Brown Sandstone,	Chatham,	Egypt.
1320	Syenite,	Chatham,	3 Miles from Bynum's Factory.
1064	Sandstone,	Chatham,	Egypt.
	B Zoisite,	Clay,	Buck Creek.
g.s.3109	Banded Gray Marble with Mica (2 Specimens),	Cherokee,	Lime Kiln Quarry.
1101	Argillaceous Slate,	Durham,	Red Mt.
1387	Diabase (Dike),	Durham,	1 M. North of Durham.
1106	Ferruginous Grit,	Durham,	5 M. South of Red Mt.
1388	Sandstone,	Durham,	4 M. North of Durham.
	Slate,	Durham,	Durham.
1104	Chlorite Schist,	Durham,	Flat River, Red Mt.
1139	Conglomerate Schist,	Durham,	Red Mt.
1291	Pyritiferous Argillite,	Durham,	Knapp of Reeds
620	Gray Sandstone,	Durham,	Durham.
1112	Gneiss,	Durham,	5 M. S. of Red Mt.
	Marble, Gray, 2 Fragments.		
3487	Porphyritic Granite,	Edgecombe,	Nahunta.
977 1.	Decomposed Gneiss,	Forsyth,	2 M. E. of Glenn's Ferry.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
977	Paragonite Schist,	Forsyth,	Brookstown.
976	Hornblende Mica Gneiss,	Forsyth,	Brookstown.
973	Hornblende Gneiss,	Forsyth,	Huntsville.
975	Garnetiferous Gneiss,	Forsyth,	Brookstown.
972	Hornblende Schist,	Forsyth,	Huntsville.
1142	Biotite Granite,	Franklin,	5 Miles E. of Kittrell's.
3488	Granite,	Edgecombe,	Tar River.
244 1.	Epidote,	Granville.	
1284	Sericitic Quartz Schist,	Granville,	4 M. S. W. of Williamsboro.
434 1.	Diabase,	Granville,	1½ M. S. E. of J. Davis.
1227	Chloritic Gneiss,	Granville,	8 M. S. Oxford.
1236	Gneiss,	Granville,	near Shiloh Church.
1252	Argillite Schist,	Granville,	Graphy Creek.
1245	Conglomerate Slate,	Granville,	Young's X Roads.
1279	Diabase,	Granville,	1 M. N. of Williamsboro.
1254	Sericitic Slate,	Granville,	Graphy Creek.
1281	Sericitic Slate,	Granville,	3½ M. S. W. of Williamsboro.
550 {	Sericitic Slate,	Granville,	4 Miles from
1244 }			Marrow's Chapel.
1226	Chloritic Gneiss,	Granville,	8 M. S. of Terustall's Mill.
1220	Quartz Nodule,	Granville,	Brownsville.
1243	Sericitic Quartz Schist,	Granville,	¾ M. S. E. of Marrow's Chapel.
50 x.	Aphanite,	Granville,	12 M. E. of Red Mt.
1231	Epidotite,	Granville,	3 Mi. . Sw. Ox.
1225	Decomposed Gneiss,	Granville,	8 Mi. So. Ox'd.
1227	Garnetiferous Quartz Schist,	Granville,	Midway.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1294	Chloritic Schist,	Granville,	on Rox. and Cl'ksville Rd.
1232	Gneiss,	Granville,	4 M. S.W.Ox'd.
1270	Gneiss,	Granville,	Island Creek.
241	Chloritic Schist,	Granville,	8 M. E. Oxford.
1222	Sericitic Schist,	Granville,	8 M. S. Oxford.
1271	Gneiss,	Granville,	Sneed's Mill.
1230	Gneiss,	Granville,	3 M. S. Oxfo'd.
1263 420	} Sericitic Schist,	Granville,	E. Gillis Mine.
1248	Quartz,	Granville,	1 Mi. W. of Young's X Rd.
424	Feldspathic Schist,	Granville,	1 Mi. N. of Young's X Rd.
1217	Chloritic Quartz Schist,	Granville,	Brownsville.
1269	Chloritic Gneiss,	Granville,	Sneed's Mill on Island Creek.
1275	Gneiss,	Granville,	1 Mi. S. of Island Creek.
1287	Quartzitic Argillite,	Granville.	
246 x	Diorite,	Granville,	3 M. S. W. Ox.
1286	Gneiss,	Granville,	Hend. Quarry.
1257	Conglomerate,	Granville,	n'r Aar. Creek.
1261	Squeezed Conglomerate,	Granville,	2 Mi. E. of Gillis Mine.
471 x	Diabase,	Granville,	5 M. S. Oxford.
1273	Epidote Gneiss,	Granville,	1 M. S. I. Cr'ks.
1283	Chloritic Schist,	Granville,	4 Mi. S. W. of Williamsboro.
1246	Gneiss,	Granville,	1 Mile N. of Young's X Rds.
1239	Hornblende Gneiss,	Granville,	Near Shiloh Church.
250 I.	Pyroxenite,	Granville,	Road Oxford to Red Mt.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1020	Gneiss,	Guilford,	1 M. S. High Point.
139 v.	Porphyritic Granite,	Guilford,	1 M. N. of Fumare Quarry.
1023	Gneiss,	Guilford,	3 miles s. of High Point.
499	Chloritic Gneiss,	Guilford,	8 M. N. of Greensboro.
1410	Sericitic Schist,	Haxifax,	$\frac{1}{2}$ mile S. W. of Quanky Creek.
1407	Quartz Schist,	Halifax,	Halifax Court House.
1399	Chlorite Schist,	Halifax.	
1403	Gneiss,	Halifax,	Gaston.
1396	Chloritic Gneiss,	Halifax,	Gaston, Sledge Vein.
1409	Fossiliferous Sand Rock,	Halifax,	Quanky Creek.
1411	Gneiss,	Halifax,	Near Gaston on Roanoke.
1398	Decomposed Gneiss,	Halifax.	
1400	Fossiliferous Sand Rock,	Halifax,	Quanky Creek.
1395	Sandstone,	Halifax,	B. F. Moore.
1402	Granite,	Halifax,	Weldon.
1351	Manganiferous Schist,	Harnett.	
1334	Chlorite Schist,	Harnett,	Buckhorn Dam.
1336	Granite,	Harnett,	Buckhorn Falls.
H. B. 10	Mica Schist with Garnets,	Harnett,	Chalk Level.
1358	Quartz Schist,	Harnett,	Northington Ferry.
1335	Ferruginous Mica Schist,	Harnett,	Buckh'n Falls.
1342	Granite,	Harnett,	Buckhorn.
1359	Gneiss,	Harnett,	Northington Ferry.
1331	Mica Gneiss,	Harnett,	Douglass.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1250	Granite,	Iredell,	nr. Statesville.
953	Aphanite,	Iredell,	5 Miles E. of Sherrell's F'rd.
1150	Fer'gin'us Fossiliferous Clay,	Johnston,	Gallison.
1312	Chlorite Schist,	Johnston,	Low'll Factory.
453	Gneiss,	McDowell,	Cliff of Table Rock.
1310 i.	Quartzite,	Johnston,	Boon Hill.
1368	Crumpled Mica Schist,	Johnston,	near Clayton.
1307	Crumpled Quartz,	Johnston,	1 Mile N. of Princeton.
1311	Chlorite Schist,	Johnston,	7 Miles Above Princeton.
1308	Quartzite Schist,	Johnston,	1½ Mile N. of Princeton.
1307	Conglomerate,	Johnston,	1 Mile N. of Princeton.
1310	Quartzite,	Johnston.	
1364	Sericite Schist,	Johnston,	Smithfield River Bluff.
1313	Laminated Quartzite,	Johnston,	2 Miles Above Princeton.
173 ii.	Gneiss,	Macon,	4 Miles from Franklin.
163	Gneiss,	Macon,	Tenn. R'r., 22 Mi. from Franklin.
142	Gueiss,	Macon,	23½ Mi. from Franklin.
487	Gneiss,	McDowell,	Black Creek.
450	Hornblende Schist,	McDowell,	McKin'y's Gap.
448	Gneiss,	McDowell,	near Higgins' Store.
496	Chlorite Gneiss,	McDowell,	Carson's Mill.
486	Gneiss,	McDowell,	Buck Creek 1 Mile from Gap.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
474	Gneiss,	McDowell,	8 Miles E. of Marion.
1212	Folded Hornblende Schist,	McDowell,	Gillespies Gap.
830	Mica Gneiss,	McDowell,	Buck Creek.
473	Mica Gneiss,	McDowell,	5 Miles E. of Marion.
467	Mica Schist,	McDowell,	1 Mile W. of Carson's.
466	Gneiss,	McDowell,	$\frac{1}{2}$ Mile W. of Muddy Creek.
469	Gneiss,	McDowell,	3 Miles S. E. of Carson's.
463	Gneiss,	McDowell,	Muddy Creek Bridge.
489	Quartz Schist,	McDowell,	4 Miles from Mouth of Buck Creek.
482	Gneiss,	McDowell,	2 Miles S. of Turkey Cove.
459	Mica Gneiss,	McDowell,	Bald Mt.
491	Gneiss,	McDowell,	7 Miles from Mouth of Buck Creek.
455	Chlorite Gneiss,	McDowell,	Top of Linville Mountain.
470	Gneiss,	McDowell,	$\frac{1}{2}$ Mile W. of Mr. Erwin's.
484	Mica Schist (2 Spec.),	McDowell,	$\frac{1}{2}$ Mile E. of Muddy Creek.
490	Diorite,	McDowell,	Near Old Fork.
465	Chloritic Schist,	McDowell,	Muddy Creek.
1472	Chloritic Gneiss,	Mecklenb'g,	S. E. Side of Charlotte C'k.
(20)	Argillaceous Quartz Schist,	Mecklenb'g,	Maxwell.
1478	Granite,	Mecklenb'g,	10 Miles S. E. Charlotte.
1033	Leopardite,	Mecklenb'g,	1 Mile E. of Charlotte.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
12401	Tremolite Schist,		¾ Miles S. E. Davidson Col.
672	Porphyritic Diobase,	M'klenb'rg,	2 Mi. E. Tuck- aseegee Ford.
(13)u	Diorite,	M'klenb'rg,	8 Mi. E. of Charlotte.
1033	Diabase (Dike Rock in Leo- pardite),	M'klenb'rg,	1 Mi. E. of Charlotte.
1466	Diorite,	Mk'lenb'rg,	9 Mi. S. E. Charlotte.
1033	Granite,	Mk'lenb'rg,	1 Mi. E. Charlotte.
886	Qnartzite,	M'tgomery,	½ Mi. N. W. Zion Church.
1353	Pyrophyllite Schist,	M'tgomery,	1½ Mi. N. W. Zion's Church.
871	Argillite,	M'tgomery,	5 Mi. N. Uharie River.
883	Quartzite,	M'tgomery,	Zion Chnrch.
876	Jointed Argillite,	M'tgomery,	4 Mi. N. W. Mt. Gilead.
877	Argillite,	M'tgomery,	4½ Mi. S. E. Mt. Gieald.
879	Diorite,	M'tgomery,	3 mi. N. W. Mt. Gilead.
1376	Ferruginous Conglomerate,	Moore,	Willcox Coal Seam.
1226	Conglomerate, S. Border of Triassic Basin,	Moore,	John Colis.
1316	Tremolite Rock,	Moore,	Thag'ard's M'l.
1378	Pyritiferous Sericite Schist,	Moore,	Deep River.
1314	Granite,	Moore,	5 mi. S. Sanf'd.
1315	Gneiss,	Moore,	1½ mi. S. Cameron.
1054	Squeezed Conglomerate,	Moore.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1448	Shell Limestone,	N. Hanover,	Cape Fear R.
1129	Feldspathic Schist,	Orange,	2 Mi. S. of Hillsboro.
1135	Diorite,	Orange,	13 Mi. S. E. of Yanceyville
1431	Ferruginous Conglomerate,	Orange,	Hillsboro.
1142	Pyritiferous Gneiss,	Orange,	$\frac{4}{5}$ Mi. above Hillsboro
1127	Argillaceous Slate,	Orange,	7½ Miles from Hillsboro
1381	Granite,	Orange,	Chapel Hill.
1125	Diorite,	Orange,	5 Miles North Hillsboro.
1114	Gneiss,	Orange,	5 Miles N. W. Spillsboro.
1115	Pegmatite,	Orange,	5 Miles N. W. of Cedar Grove.
1116	Diorite,	Orange,	5 Miles N. W. of Cedar Grove.
1123	Chlorite Schist,	Orange,	5½ Miles N. of Hillsboro.
1120	Diorite,	Orange,	6 Miles N. W. of Cedar Grove.
1128	Granite,	Orange,	2 Miles S. Buttermilk Creek.
795	Fine Grained Chlorite Schist,	Orange,	Haga's Mt.
767	Hornblende Schist,	Orange,	Woodsale.
773	Granite,	Orange,	1 Mile E. Rox- boro.
811	Epidosite,	Orange,	Gillis Mine.
1211	Quartzite Schist,	Orange,	Fall Road.
792	Chlorite Schist,	Orange,	Haga's Mt.
769	Mica Gneiss,	Orange,	1 Mile N. E. Woodsale
785	Dolerite,	Orange,	Hico.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
812	Copper Bearing Conglomerate,	Orange,	Gillis Mine.
809	Quartzite Schist,	Orange,	Gillis Mine.
803	Calcite and Quartz,	Orange,	Veinstone and Gillis Mine.
764	Hornblende Schist,	Orange,	$\frac{1}{2}$ Mile S. Mayo Creek.
774	Argillite,	Orange,	2 Miles S. Roxboro.
734	Gneiss,	Orange,	1 Mile E. Leasburg.
804	Argillite Schrist,	Orange,	Gillis Mine.
758	Sericite Schist,	Person,	Mayo Creek.
375 1.	Syenite,	Person,	N. of Hico on Leas'b'g Road.
738	Porphyritic Syenite,	Person,	2 Miles South of Hico.
775	Syenite,	Person,	Stony Creek.
745	Altered Chloritic Gneiss,	Person,	$7\frac{1}{2}$ Mi. Southeast Leesburg.
769	Mica, Hornblende Gneiss,	Person.	
781	Chlorite Schist,	Person,	Roxboro.
762	Chloritic Slate,	Person,	1 Mile S. E.
798	Quartzite,	Person,	Mayo's Creek.
748	Chloritic Schist,	Person,	Marlow's Cr'k.
743	Gneiss,	Person,	near Leesburg.
786	Hornblende Auger Gneiss,	Person,	Leasburg.
763	Dolerite,	Person,	Hico.
747	Gneiss,	Person,	State Line.
810	Sericite Schist,	Person,	Near Leesburg.
765	Gneiss,	Person,	Gillis.
			State Line N. of River.
788	Porphyritic Banded Gneiss,	Person,	Hico.
770	Granite,	Person,	Roxboro.
752	Cherty Quartzite,	Person.	

NO	SPECIMEN.	COUNTY.	LOCALITY.
378 1.	Chloritic Diorite,	Person,	Leasburg.
790	Hornblende Gneiss,	Person,	2 Mile N. of McGeehee's
376 1.	Amphibolite,	Person,	3 Miles N. W. of Leasburg.
737	Granite,	Person,	3 Miles S. of Hico.
795 II.	Argillite Shale,	Person,	Barretts.
1298 1.	Gneiss,	Polk,	Tryon City.
1046 II.	Mica Schist,	Polk,	Columbus.
1047 II.	Mica Schist,	Polk,	Columbus.
1026	Altered Gneiss,	Randolph,	New Market.
1039	Diabase,	Randolph,	7 Mi. S. of High Point.
1037	Diabase,	Randolph,	6 Mi. S. of High Point.
895 1.	Diabase,	Rowan,	near Salis'b'ry.
873 1.	Tremolite Limestone,	Randolph,	Parish Mine.
1036	Pyritiferous Diorite,	Randolph,	6 Mi. S. High Point.
1040	Diabase,	Randolph,	6 Mi. S. High Point.
1029	Pyritiferous Sericite Schist,	Randolph,	$\frac{1}{2}$ Mi. S. of New Market.
1024	Hornblende Gneiss,	Randolph,	$\frac{1}{2}$ mi. S. of New Market.
866 1.	Hornblende Rock, Altered to Chlorite,	Randolph,	9 mi. S. of High Point.
1042	Chlorite Schist,	Randolph,	11 mi. S. of High Point.
891	Argillaceous Slate,	Randolph,	Uharie River.
868	Gneiss,	Randolph,	16 mi. S. of High Pt.
892 1.	Banded Argillite Slate,	Randolph,	1 $\frac{1}{2}$ mi. from Uharie River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
856 a.	Pyritiferous Chlorite Schist,	Rowan,	Gold Hill.
160 v.	Sericitic Gneiss.	Rowan,	$\frac{5}{8}$ mi. from Salisbury.
1032 i.	Pyritiferous Granite,	Rowan,	7 mi. of Salisbury.
1031 i.	Diorite,	Rowan,	Statesville and Salisbury R'd.
160 v.	Pegmatite,	Rowan,	R. R. Cut $\frac{5}{8}$ mi. from Salisbury.
74 v.	Chlorite Schist,	Rowan,	Salisbury.
855 ii.	Granite,	Rowan,	Salisbury.
81 v.	Granite,	Rowan,	Dunn's Mt.
113 v.	Aphanite,	Rowan,	4 Ms. N. W. of Salisbury.
1297 i.	Banded Hornblende Gneiss,	Rowan,	Dunn Mt., near Salisbury.
1031	Diorite,	Rowan,	Young's Mt.
1605 i.	Chloritic Schist,	Rowan,	Flat Swamp Mt.
362	Gneiss,	Rutherford,	Island Ford, Broad River.
358	Garnet,	Rutherford.	
1350 i.	Hornblende Schist,	Rutherford,	Rutherf'dton.
694	Gneiss,	Stokes,	near Rogers' Ore Bank.
945	Epidote,	Stokes,	near Rogers' Ore Bank.
900	Paragonite Schist,	Stokes,	Rogers' Ore B'k.
948	Gneiss,	Stokes,	Moore's Knob.
942	Gneiss,	Stokes,	Stokesdale.
958	Sericitic Quartz Schist,	Stokes,	Danbury.
955	Saussurite Diorite,	Stokes,	near Rogers' Ore Bank.
961	Gneiss,	Stokes,	Danbury.
967	Gneiss,	Stokes,	Bobjack Quarry.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
92 v.	Diabase,	Rowan,	Gold Hill.
957	Amphibole,	Stokes,	near Rogers' Ore Bank.
946	Gneiss,	Stokes,	Little Yad- kin River.
835	Hornblende,	Surry,	Thompson's Gap.
815 93 }	Quartzite,	Surry,	Pilot Mt.
114	Mica Gneiss,	Surry,	Mt. Airy.
109	Gneiss,	Surry,	Mt. Airy.
826	Gneiss,	Surry,	Mt. Airy.
1244	Talc Schist,	Surry,	Near Dobson.
843 n.	Chlorite Schist,	Surry,	Hyatt's Ore Bank, Ararat River.
1248	Tale Schist,	Surry,	Near Dobson.
1267	Dolerite,	Vance,	Marrow,s Chapel.
1241	Sericitic Chlorite Schist	Vance,	Marrow,s Chapel.
1276 549 }	Argillaceous Slate,	Vance,	Island Creek, Sneed's Mill.
1285	Banded Gneiss,	Vance,	Capt. Andrews Near Henderson.
1313	Coarse Saccharoidal Quartz,	Wake,	Near Raleigh.
1147	Shell Rock,	Wake,	Little River, Near Rolesville.
1314	Arenaceous Shell Rock,	Wake,	Near Raleigh.
1320	Limestone,	Wake,	Near Morris- ville.
	Dendrite on Gneiss,	Wake,	Near Raleigh.
1531	Brecciated Red Sandstone,	Wake,	Near Morris- ville.
631	Sericitic Quartz Schist,	Wake,	
1311	Gneiss,	Wake,	Near Raleigh.
1211	Gneiss,	Wake,	Raleigh.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1315	Granite,	Wake,	Raleigh.
1303	Graphitic Sercite Schist, Gar-netiferons,	Wake,	Holly Springs.
1321	Sericitic Quartz Schist,	Wake,	Near Raleigh.
1306	Argillaceous Limestone,	Wake,	
1310	Hornblende Gneiss,	Wake,	Raleigh.
1316	Sericite Schist (Altered) Mica Schist,	Wake,	6 Mi. f'm Ral'h.
1504	Petrified Wood,	Wayne,	4 Mi. W.of Ral.
1374	Conglomerate,	Wayne,	Near Falling Creek Mill.
1377	Argillite Slate,	Wayne,	N'r Goldsboro.
1531	Calcareous Sandstone,	Wayne,	N'r Goldsboro.
1372	Greenish-Gray Argillite,	Wayne,	N'r Goldsboro.
1373	Argillite Slate,	Wayne,	N'r Goldsboro.
1043	Calcareous Sandstone,	Wayne,	N'r Goldsboro.
1042	Calcareous Sandstone,	Wayne,	N'r Goldsboro.
701	Mica Gneiss,	Wilkes,	On Jefferson-Wilkesboro Road.
706	Quartz Schist,	Wilkes,	Reddie's River.
696	Gneiss,	Wilkes,	Between Elkin and Trap Hill.
710	Pegmatite,	Wilkes,	Reddie's River.
694	Gneiss,	Wilkes,	Elkin.
703	Pegmatite,	Wilkes,	Blue Ridge.
1206 I.	Cyanite Schist,	Yancey,	
504 II.	Chrysolite, with Talc,	Yancey,	Hampton, Burnsville.
1005 I.	Serpentine, with Talc,	Yancey,	Proffit's, Burns-ville.
1008 I.	Dunite,	Yancey,	Proffit's, Bald Creek.
502 II.	Chrysolite, with,	Yancey,	Hamptons, Burnsville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1005	Serpentine,	Yancey,	Proffitt's, 5 Mi. W. Burnsville.
1005 i.	Serpentine (6 Specimens),	Yancey,	Proffitt's, 5 Mi. W. Burnsville.
1008 i.	Chrysolite, with Talc,	Yancey,	Proffitt's, Bald Creek.
1005 III.	Chlorite Schist,	Yancey,	Burnsville.
1207 i.	Talc,	Yancey,	Burnsville.
1010 i.	Gneiss,	Yancey,	Cane Creek.
809 i.	Amphibolite,	Yancey,	Burnsville.
181 iv.	Mica Schist,	Yancey,	Hampton's.
812 i.	Hornblende Gneiss,	Yancey,	Burnsville.
1005 II.	Serpentine, a. Chlorite Schist,	Yancey,	Burnsville.
1013 i.	Gneiss,	Yancey,	Big Bald Creek.
812	Hornblende Gneiss,	Yancey,	Burnsville.
813	Diabase,	Yancey,	Burnsville.
1207	Chromite, with Talc,	Yancey,	Hampton's.
812 i.	Peridotite,	Yancey,	Burnsville.
1012 i.	Epidotite,	Yancey,	Big Bald Creek.
506 II.	Amphibole,	Yancey,	Hampton's.
811 i.	Garnetiferous Hornblende Gneiss,	Yancey,	Burnsville.
4272	Cyanite in Mica Schist,	Yancey,	Near Ray Mica Mine.
508	Diorite,	Yancey,	Hampton's.
1005 II.	Gneiss,	Yancey,	Burnsville.
183 iv.	Hornblende Gneiss,	Yancey,	Hampton's.
1008 i.	Talc,	Yancey,	Proffitt's, on Bald Creek.
1297 i.	Granite, Pale Green Serpentine.	Rowan,	Dunn's Mt.
g.s.3132	Blue Gray Marble,	Swain,	Nantahalah Marble Co.
g.s.3132½	Gray Blue Banded Marble,	Swain,	Rickard's & Hewitt's Quarry.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
g.s.3097	Black Marble, Black Marble.	Cherokee,	Kinsey Quarry.
	Dark Blue Gray Marble, (3 Spec.).		
	Light Blue Gray Marble.		
	Light Gray Marble.		
	White Marble.		
	Light Blue Gray Marble.		
g.s.3122	Pink Marble,	Swain,	Nantahalah Marble Co.
g.s.3098	Blue Gray Marble,	Cherokee,	Kinsey Quarry.
g.s.3024	Serpentine,	Buncombe,	Alexander.
	Variegated Marble (3 Spec.)		
g.s.2140 (a)	Quartz Schist,	Watauga,	Bud Ruffin.
g.s.3104	Banded Blue Gray Marble, (3 Spec.),	Clay,	Jenkins Place, Brasstown.
g.s.3122	Blue Gray Marble, (3 Spec.),	Swain,	Nantahalah.
g.s.3098	Light Blue Gray Marble,	Cherokee,	Culbertson Quarry.

## BUILDING STONE.

ON TOP OF CASE XXXII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1	Brownstone, Cube 8-inch,	Moore.	
2	Gray Sandstone, Cube 8-inch,	Durham.	
3	Brownstone, 8-inch Cube,	Moore,	Sanford.
4	Brownstone, 8-inch Cube,	Wake,	J. H. Booth's Quarry.
5	Brownstone, 8-inch Cube,	Moore,	Sanford.
6	Brownstone, 8-inch Cube,	Wake,	Grimme Quarry.
7	Brownstone,	Moore,	Sanford.
8	Brownstone,	Durham,	Duke's Quarry.
9	Brownstone,	Wake,	Brassfield.
10	Sandstone,	Chatham,	Gulf.
	Red Sandstone, 8-inch Hollow Face Cube,	Moore,	Sanford.
	Sandstone,	Chatham,	Gulf.
	Brownstone,	Moore,	Sanford.
14	Brownstone,	Durham,	Duke's Quarry.
15	Brownstone,	Moore,	Sanford.
	Brownstone,	Anson.	
	Brownstone,	Chatham,	P. Taylor's Q.
	Brownstone,	Chatham,	Taylor's Q.
	Brownstone,	Moore,	Sanford.
20	Brownstone,	Wake,	Brassfield.
	Brownstone,	Chatham,	Taylor's Q.
22 b.	Fine-grained Compact 8-inch Cube,	Chatham,	Egypt.
	White Marble,	Cherokee,	Murphy, Wm. Beal.
	Pink Marble,	Swain,	Nantahalah M. and Tale Co.
	Marble, Block,	Cherokee	Andrews.
	Marble, Dark Gray,	Cherokee.	Andrews.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Soapstone,	Iredell.	
	Gneiss,	Buncombe,	Alexander.
	Granite,	Iredell,	Mooresville.
	Pink Granite,	Rowan,	Dunn's Mt.
	Granite,	Surry,	Mt. Airy.
	Red Granite,	Wilson.	
	Granite,		Warrenton.
	Greystone,	Vance,	Greystone.
	Granite,	Henderson,	Hendersonville
	Granite,	Iredell,	Mooresville.
	Biatite, Granite,	Wake,	Rolesville.
	Biatite, Granite,	Iredell,	Mooresville.
	Olive, Granite,	Anson,	Lilesville.
	Quartzite,	Iredell,	Mooresville.
	White Granite,	Rowan,	Dunn's Mt.
	Serpentine,	Wake.	
	Leopardite, 8x10-Inch Face,	Mecklenburg.	
	Mottled Granite, 10-inch cube,	Anson,	Lilesville.
	Dendritic Porphyry, Ball 8 Inch Diam.,	Meckl'nb'g,	Charlotte.
1	Mottled Granite, 7x11,	Anson,	Lilesville.
	Mottled Granite, 8x25.		
	Gray Granite, 8x7.		
	White Marble, 8½x7,	Swain,	
	Pink Marble, 8x7.	Rowan,	Dunn's Mt.
	Soapstone, 10x8,	Guilford,	S. Steele.
	Quartzite, 34x10,	Iredell.	
67	Gray Sandstone, 8-inch cube,		
	Red Syenite, 11x11 irregular,	Cabarrus.	
	Dark Blue Marble, 37x13,	Cherokee.	
	Dark Blue Marble, 36x12,	Cherokee.	
	Serpentine, 13x10¾,	Wake.	
	Olive Granite, 24x12,	Richmond.	
	Olive Granite, 24x12,	Anson.	
	Leopardite, 18x14,	Mecklenburg.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Leopardite, 18x12, Carved,		Mecklenburg.
	Pink Granite, 10x12,		Rowan.
	Gray Granite, 22x10,		Rowan.
	Red Granite, 33x10,		Wilson.
	Black Serpentine, 10½x18,		Caldwell.
	Green Serpentine, 14½x7,		Wake.
	Soapstone, 13½x9x7½.		
	Pink Granite, 7½x5,		Franklin.
	Green Serpentine, 5½x4½,		Wake.
	Gray Granite, 12-Inch Cube,		Warren.
	Brownstone, 15x8,		Moore, Sanford.
66	Gray Granite, 9x10.		
	Light Marble, 11x5½,		Cherokee.
	Gray Granite, 9x8½,		Gaston.
	Millstone, 15 Inch (2 Spec.),		Rowan, Dunn's Mt.
	Millstone, 12 Inch,		Rowan, Dunn's Mt.
	Millstone, 8 Inch (2 Spec.),		Rowan, Dunn's Mt.
	Millstone, 15 Inch,		Moore.
	Brownstone, 11x12,		Moore.
	Blue Marble, 11x4,		Cherokee.
	Pink Marble Mantle, 3 Feet 4x10½,		Macon, Red Marble G.
	Light Gray Marble, 9½x4½,		Cherokee.
	Dendritic Quartzite, 15x10,		Mecklenb'g.
	Mottled Red Granite, 12x13½,		Iredell.
	Gray Granite, 12½x13,		Iredell.
	Carved Brownstone, 18x12,		Moore, Sanford.
	Pink Granite, 8x7x7,		Franklin.
	Pink Marble Mantle, 27x7½,		Macon, Red Marble G.
	Gray Granite, 7½x7½,		Warren.
	Light Gray Marble, 8x5,		Cherokee.
	Gray Granite, 18x14,		Vance.
	Mottled Granite, 9x6½,		Vance.
	Red Granite, 14x7,		Wilson.
	Brownstone, 14x8,		Moore, Sanford.
	Mottled Granite, 14½x8.		

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Pink Marble, 8x7½.		
	Gray Granite, 4¾x3.		
18	Marble, Blue Gray, 7 Cubes.		
	Gray Granite, 3½x3½,	Forsyth,	Kernersville.
	Light Gray Marble, 15x5½,	Cherokee.	
	Light Gray Marble, 9½x9¾,	Cherokee.	
	Light Gray Marble, 7x6,	Swain.	
	Blue Gray Marble, 8x6,	Cherokee.	
	Light Gray Marble, 8x4½,	Swain.	
	Pink Marble, 6¾x6½,	Macon.	
50	Blue Gray Marble, 7x4,	Macon.	
3104	Banded Gray Marble, 5½x3¼,	Swain.	
76	Pink and Gray Marble, 6½x4½,	Swain.	
	Dark Blue Marble, 7½x6½,	Macon.	
	Orbicular Diorite or Augite,		
	36x16x15,	Davie,	Coolemee.
	Gray Marble, 5½x3½,	Catawba.	
	Dark Blue, 4½x17,	Cherokee.	
3	Roofing Slates 15-24x19-13,	Stanly.	
	Large Phosphate Rock, 36x18,	Duplin.	
	Shell Rock, 31x12x10,	Craven.	
	Soapstone Slab, 30x18x4.		
	Pink Marble, 48x19,	Macon.	
	Pink Marble, 26x23,	Macon.	

## NATIVE ELEMENTS.

CASES XXXIII TO XLVI INCLUSIVE, INCLUDING ALL MISCELLANEOUS SPECIMENS.

## CASE XXXIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4215	Galenite, Silver Bearing,	Watauga,	Flannery's M.
3548	Graphite, with Margarite, in Mica Schist,	Guilford,	High Point.
3543	Native Copper,	Granville,	Patterson Mine.
4393	Graphite or Plumbago in Q'tz,	Haywood,	Upper Pigeon Valley.
3534	Graphite or Plumbago (with Pyrite),	Gaston,	King's Mt. M.
3496	Graphite or Plumbago,	Forsyth,	near Salem.
3299	Native Lead,	Burke,	nr. Morganton.
3340	Graphite, Plumbago, Black Lead,	Caldwell,	Ft. Defiance.
3530	Galenite in Borite,	Gaston,	Crowder's Mt.
3354	Native Sulphur in Quartz, Molybdenite,	Caldwell,	Lenoir.
4221	Galenite or Lead Sulphide,	Wilkes,	Demming.
1487	Galenite,	Caswell.	Flint Knob.
3556	Galenite, Galena, Lead Ore,	Haywood,	Ground Hog Creek.
3406	Galenite, Galena, Lead Sul- phide,	Chatham,	Clegg's Mine.
3430	Galenite, Galena, Lead Ore,	Cherokee.	Yanceyville.
3398	Pyrite,	Caswell,	near Pittsboro.
3415	Chalcopyrite, Iron Pyrites,	Chatham,	Bucknell P. O.
	Iron Pyrites,	Swain,	Bucknell P. O.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Pyrite in Quartz, with Horn-blende,	Swain,	Bucknell P. O.
4114	Pyrite,	Stokes,	Danbury P. O.
4487	Stibnite, Antimony Sulphide,	Granville.	
4148	Galenite,	Surry,	Elkin.
	Iron Pyrite,	Cumberl'd,	Fayetteville.
4095	Chalcocpyrite (with Limonite),	Rowan,	Salisbury.
3454	Pyrite, with Chalcocpyrite &c.,	Clay,	Shooting Creek.
3539	Pyrite in Mica Schist,	Forsyth,	Kernersville.
	Iron Pyrites,	Durham,	B. S. Duke.
3455	Pyrite,	Clay,	Shooting Creek.
	Iron Pyrite,	Chatham,	D. B. Burns.
3507	Sphalerite or Blende (with Barite),	Gaston,	Crowder's Mt.
	Pyrite,	Forsyth,	Salem Iron Works.
3538	Pyrite,	Forsyth,	Kernersville.
3508	Pyrite,	Gaston,	Bridg'r's Place.
3413	Pyrite,	Chatham,	Cane Creek.
4149	Chalcocpyrite,	Surry,	near Elkin.
	Iron Pyrites,	Swain,	Bushnell.
3337	Tetrahedrite, Variety, Free-bergite Silver Bearing,	Cabarrus,	McMakin Mine.
3558	Pyrrhotite,	Haywood,	Pigeon River.
4380	Pyrite, (in Slate),	Durham,	Durham.
3477	Pyrite,	Davie,	Fork Church.
3547	Chalcocpyrite,	Guilford,	High Point.
4113	Pyrite (with Muscovite, Quartz, &c.)	Stokes,	Danbury.
4147	Chalcocpyrite (with Pyrite),	Surry,	Elkin.
3314	Arsenopyrite, Mispechel, Ar-senical Iron Pyrites,	Burke,	South Mts.
3830	Pyrite,	Haywood,	Springdale.
4175	Pyrite (with Chalcocpyrite),	Wake,	Raleigh.

NO.	SPECIEEN.	COUNTY.	LOCALITY.
	Pyrite in Quartz,	Halifax,	Brinkleyville.
4118	Pyrite, Gold-Bearing,	Stokes,	Danbury.
3414	Pyrite,	Chatham,	Daniel's Crk.
	Pyrite in Quartz,	Swain,	Bushnell P. O.
	Pyrites,	Ashe,	B. P. Grigsby.
	Iron Pyrite, Gold Bearing,	Gaston,	King's Mt.
3374	Pyrite in Mica Schist,	Catawba,	Hickory.
3526	Pyrite Iron Pyrites,	Gaston,	Long Creek Mine.
4151	Pyrite,	Sunny,	Ararat River.
3312	Pyrite,	Burke,	Morganton.
3295	Arsenopyrite, Mispechel,&c.,	Burke,	South Mts.
3205	Pyrite,	Alamance.	
	Pyrite,	Cumberla'd,	W. J. Hicks.
4412	Chalcopyrite, in Quartz,	Chatham,	Little Lane Creek.
	Copper Pyrite,	Wake,	Cary.
4339	Pyrite and Chalcopyrite, Gold Bearing,	Chatham,	Lindley's Mi.
3829	Pyrites, in Quartz,	Granville,	Fishing Creek.
4227	Pyrite, in Gn'ss, Silv'r B'ring,	Yadkin,	Jonesville.
4287	Pyrrhotite,	Yancey,	Simmons Mi.
3265	Pyrite, in Chalcopyrite, Iron and Copper Pyrite,	Buncombe,	Swannanoa.
3253	Iron Pyrites,	Wake,	Insane Asyl'm.
3902	Pyrite, with Q'tz. Chalcopyrite,	Beaufort, Iredell, Bladen,	Pantego. Shuford Dam. Near Eliza- bethtown.
	Pyrites, Sulphur Ore.	Gaston.	
3375	Pyrrhotite, Magnetic Pyrite, Iron Pyrite,	Catawba, Wake,	Hickory. Insane Asylum.
	Copper Ore,	Ashe,	Blevins P. O.
3353	Pyrite, with Epidote and Quartz,	Caldwell.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3381	Native Silver and Galenite, with Quartz, Barite and Calcite,	Cabarrus,	McMakin M.
4219	Chalc'pyrite, Cop'er Pyrites,	Wilkes,	Stone Hill.
3248	Chalcopyrite,	Ashe,	Elk Knob.
4327	Pyr'otite, Magnetic Pyrites,	Buncombe,	nr. Asheville.
3251	Pyrite,	Ashe,	Jefferson.
3381	Native Silver and Galenite in Quartz, Barite, etc., Iron and Alum,	Cabarrus, Buncombe,	McMakin M. W.C.Holman.
4226	Pyrite, Partly Altered,	Wilson,	Stantonsburg.
3360	Pyrite,	Catawba,	Newton.

## CASE XXXIV.

4216	Galenite, galena or Lead Sulphide,	Watauga,	Flannery's
3866	Chalcopyrite,	Jackson,	Balsam Mt.
3657	Pyrite, with Quartz and Limonite,	Madison,	Marshall.
4222	Galenite, Iron Ore and Pyrite,	Wilkes Surry,	Flint Knob. Mt. Airy.
4197	Pyrite,	Watauga,	Beech Mt.
4210	Pyrite, with Quartz,	Watauga,	Elk River.
3993	Chalcopyrite, (in Quartz),  Chalcopyrite, Pyrite, Changed to Limonite,	Orange,  Wake,	Near Hills- boro. Forestville.
3799	Pyrite in Quartz,	McDowell,	Demming's.
3661	Pyrrhotite,	Mitchell,	Bakersville.
4194	Galenite, Galena or Lead Sulphide,	Madison, Watauga,	Paint Creek. Beech Mt.
2531	Galenite, Galena with Mag- netite,	Watauga,	Beech Mt.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Limonite, changed f'm Pyrite.		
4190	Limonite, Pseudomorph after Pyrite,	Warren,	nr. Warrenton.
4183	Sulphur, and Pyrite in Qtz.,	Wake,	Cary.
4109	Limonite, (concretions),	Rockingham,	Stone's Store.
3399	Limonite, Pseudomorph after Pyrite,	Chatham,	Green Spring.
	Siderite,	Davidson,	Conrad Hill.
3995	Wad (with Limonite and Hematite,	Orange,	Hillsboro.
3825	Pyrite, Coated with Limonite,	Mitchell,	Gr'ndfa'r Mt.
3976	Pyrite,	Moore,	Sanford.
	Iron Pyrite,	Johnston,	Selma.
3573	Pyrite,	Johnston,	Near Smithfld
3779	Chalcopyrite (with Pyrite, Muscovite, &c.),	Mitchell,	Bakersville.
4344	Cornndum,	Clay,	Buck Creek.
4087	Leucopyrite, Pyrite,	Randolph, Warren,	nr. Franklnv'e Areola P. O.
4395	Pyrite (with Melanterite,	Haywood,	Springdale.
3389	Pyrite,	Cabarrus,	Spur's Vein.
3418	Chalcopyrite, in Quartz,	Chatham,	nr. Pittsboro.
3242	Chalcopyrite, with Malachite, Yellow Ochre, etc.,	Alexander,	Bushy Mts.
4373	Quartz, with Pyrite,	Clay,	Shooting Cr'k.
3435	Fer'ginous Clay, Brown Oc'e,	Cherokee,	Valley Town.
3403	Hematite, Micaceous Iron,	Chatham,	n'r Fearing's M
3797	Gummite,	Mitchell,	Flat Rock M'e.
4158	Pyrite,	Vance,	Henderson.
3780	Gummite,	Mitchell,	Brush Creek.
4076	Sphalerite (with Gold and Chalcopyrite),	Montgom'y,	Steele Mine.
3983	Pyrite, Rutile.	Orange,	Chapel Hill.
3828	Pyrite, (with Feldspar),	Mitchell,	n'r Bakersville.
3970	Pyrite, in Decompos'g G'n'te,	Moore,	near Jonesb'ro.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4429	Chalcopyrite (with Malachite and Limonite,	Moore,	Cheek Mine.
3038	Chromite, in Chrysolite,	Madison,	Corundum M.
4350	Cor'd'm, with Smaragd'e, &c,	Clay,	Buck Creek.
3036	Spinel and Ripedolite,	Madison,	Corundum M.
M.3638	Spinel and Prochlorite, Altered from Corundum,	Macon,	Lucas Mine.
3858	Quartz, Variety, Chalcedony,	Jackson,	Webster.
3092 $\frac{1}{6}$	Chromite and Chysolite, Hematite, Micaceous Iron,	Macon, Chatham,	Corund'm Hill. near Pittsboro.
4009	Quartz,	Person,	Woodsdale.
3569	Quartz, with Pyrite,	Johnston,	O'Neal's T's'p.
3971	Quartz, Rock Crystal Pebble,	Moore,	Gold Branch.
3863	Pyrolusite,	Jackson,	Webster.
3992	Limonite, Pseudomorph after Pyrite,	Orange,	near Hillsboro.
3407	Quartz, Var. Hornstone,	Chatham,	near Lockville.
3622	Corundum, Magnetite,	Macon, McDowell,	Franklin. Old Fort.
3640	Spinel (Pleonaste in Part),	Macon,	Coru'dum Hill.
3728	Quartz, Var. Hyalite,	Mitchell,	Lick Ridge.
3974	Quartz, Var. Red Jaspery Quartz, Magnetite,	Moore, Mecklenb'g,	n'r Or'ter's M'l. Pineville.
4336	Corundum with Damourite, Quartz Pebble,	Burke,	Bear's Knob.
		Wake and Harnett on Line.	
4417	Arsenopyrite or Mispechel, Coru'd'm, Gray (with Albite),	Lincoln, Clay,	Lincolnton. Buck Creek.
3815	Gummite (in Orthoclase), Micaceous Iron Ore, Hem.,	Mitchell, Forsyth,	Flat Rock. Salem.
3979	Quartz, Brown Ochre,	Orange, Granville,	Aaron's Creek. M. Washington.
4364	Corundum (with Serpentine),	Clay,	Buck Creek.
3988	Hematite, Var'y Spec'r Iron, Magnetite Crystals,	Orange, Granville,	Hasti'g's Place. Adoniram.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4348	Corundum, Ruby with Smaragdite,	Clay,	Buck Creek.

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## NATIVE ELEMENTS, SULPHIDES.

## CASE XXXIII, DECK.

	Copper and Iron Pyrite,	Wilkes,	Lamar.
3378	Native Silver, Galenite and Argentite in Quartz,	Cabarrus,	McMakin.
4218	Pyrrhotite (with Chalcopyrite and Bornite,)	Wilkes,	Traphill.
	Pyrite in Talcose Slate,	Wake,	Cary.
3229	Pyrite, Iron Pyrite, Quartz, Gold Bearing,	Burke,	Morganton.
3393	Galenite with Pyrite,	Granville,	Knapp of R'ds.
3515	Altaite, Gal'ite, &c., in Vein Quartz,	Cabarrus,	Concord.
	Copper Pyrite,	Gaston,	King's Mt.
3471	Pyrite, Iron Pyrite,	Caswell,	Gatewood.
	Chalcopyrite,	Davidson,	Silver Hill.
4449	Pyrite and Chalcopyrite, G'd Bearing,	Catawba,	Paine Forge.
3372	Pyrrhotite, Magnetic Pyrites in Quartz,	Guilford,	Gardner Mine.
4227	Pyrite in Chlorite Schist,	Cabarrus,	near Phoenix.
3559	Pyrrhotite, Magnetic Pyrites, Haywood, Iron and Copper Pyrites,	Catawba,	near Hickory.
3513	Galenite with Gold in Limestone, &c.,	Yadkin,	Jonesville.
		Watauga,	Upper Pigeon Valley.
		Gaston,	Middle Cain.
			King's Mt.

## CASE XXXIV, DECK.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Pyrite,	Granville,	Brassfield Township.
3615	Pyrite, Pyrite,	Macon,	Franklin.
4008	Pyrite (with Quartz),	Granville,	Bolling's Mt.
4160	Chalcopyrite (in Granite), Li'onite, Pseudomorph after Pyrite,	Person,	Woodsdale.
		Vance,	N'r He'derson.
4372	Q'tz, Var. Cellular, Fe., Hematite Schist,	Chatham,	Adney.
3404	Wad, Bog Manganese Ore,	Clay,	Shooting Cr'k.
		Harnett,	Lillington F'y.
4388	Rutile (in Quartz),	Chatham,	near Henry's Bridge.
4349	Corundum (Ruby), with Sma- ragdite, Iron Ore,	Harnett,	Buckhorn.
3566	Limonite (Bog Ore),	Clay,	Buck Creek.
3552	Magnetic Iron Ore, Hematite (with Magnetite),	Edgec'mbe,	Lawrence.
		Haywood,	nr Waynesville.
4390	Limonite (Bog Iron Ore),	Harnett,	Douglass Ore
3230	Quartz, Variety Columnar,	Anson,	Bed.
3504	Limonite, Brown Hematite,	Gaston,	near Pittsb'ro.
			Chalk Level.
			nr Wadesboro.
			King's Mt.

## OXIDES.

## CASE XXXV.

3261	Quartz, Milky, Granular,	Buncombe,	Balsam Gap.
3226	Quartz, Hematite,	Anson,	Boggan's Cut.
4254	Rutile,	Ashe,	Thaxton P. O.
		Yancey,	Ray's Mica M.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4257	Quartz, Granular Sandstone, Yancey,		Ray Mica Mine.
4553	Quartz, Schistose, Yancey,		Proffits.
4280	Quartz, Cellular, Ferruginous, Yancey,		Hampton's.
766	Quartz, Rounded Piece of Rock Crystal, with inclusion, Burke.		
4326	Hematite, Red Hematite, Buncombe,	20 Ms. from Asheville.	
4328	Magnetite, Buncombe,	20 Miles from Asheville.	
4314	Quartz, Buncombe,	Swannanoa.	
3483	Magnetite with Chlorite, Burke,	6 Ms. from Morganton.	
4329	Magnetic Iron in Sand, Buncombe,	19 ms. from Asheville.	
3528	Psilomelane, Manganese Ore, Gaston,	Beck's Ore B'k.	
3551	Qu'tz, Penetrated by Asbestos, Guilford,	McLeansville.	
4387	Hematite with Epidote, Harnett,	Buckhorn.	
3452	Hematite, Micaceous Iron Ore, Clay,	Brasstown.	
3272	Rutile, Titanic Oxide, Buncombe,	Asheville.	
4377	Rutile, Clay,	Tusquittah Crk.	
3848	Quartz, Smoky, Iredell,	Rockwell.	
3441	Pyrolusite, Macon,	Red M'ble Gap.	
3498	Hematite, Micaceous Iron in Qtz. Forsyth,	Old Town.	
4275	Chromite, Chromic Iron, Yancey,	Hampton's.	
3450	Corundum, Ruby, Clay,	Buck Creek.	
3842	Corundum, Iredell,	Statesville.	
3453	Corundum, Hornblende, Al- bite and perhaps Zoisite, Clay,	Buck Crk.	
T. K. B.	Quartz, Tubular, Iredell:		
3431	Quartz, Smoky, Cherokee,	M.of B'v'r Dam.	
4345	Corundum, Ruby (2 Spec.), Clay,	Buck Creek.	
4337	Quartz, Cabarrus,	S of Gen. Means.	
3838	C'rn'd'm, Pt'ly Alt'd to Margarite, Iredell, Bett's Bridge. Micaceous Iron Sand, Guilford,	Julian.	
3432	Limonite, Brown Hematite, Cherokee.		
3456	Hematite, Micaceous Iron Ore, Clay,	Shooting Creek.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Hornblende,	Granville,	Sassafras T'ship.
3229	Muscovite,	Onslow,	Mill Creek.
3480	Quartzite, (Triassic),	Anson,	Wadesboro.
3542	Talco Silicious Slate,	Granville,	Brownsville.
3385	Siderite, Altered to Limonite, with Manganese,	Cabarrus,	near Penick's.
3840	Limonite,	Iredell,	nr. Bett's B'd'e.
3836	Rutile Penetrating Quartz,	Iredell,	Mt. Pisgah.
4332	Quartz,	Buncombe,	20 ms. from Asheville.
	Gummite with Unaltered Uranite,		Mitchell.
3324	Limonite, Pseudomorph after Pyrite,	Burke,	South Mts.
	Iron Sand Concretion,	Burke,	Connely's Sp'g.
4297	Quartz, Green Hyalite, Micaceous Iron Ore,	Yancey,	South Toe R.
3211	Q'tz, Iron Stained on Surface,	Granville,	J. W. Rhodes.
3225	Quartz, Cellular Quartz and Rock Crystal,	Anson,	Boggan's Cut.
3280	Psilomelane,	Buncombe,	Asheville.
3213	Hematite, Granular,	Alexander,	Snow Creek.
4456	Gummite,		Mitchell.
3361	Menaccanite, Titanic Iron, Red Hemalite,	Catawba,	Powell & Little
	Ocherous Quartz,	Alexander,	Little River.
3370	Wad, Bog Manganese, Flint,	McDowell,	Demming.
		Catawba,	Hickory.
		Alamance,	W. C. Holman.
3313	Limonite, with some Siderite,	Burke,	Brindletown.
3334	Chromite in Serpentine,	Caldwell,	Baker Mine.
3319	Limonite, Yellow Ochre,	Burke,	White's Knob.
3216	Quartz, Rock Crystal,	Alexander,	Little River.
3366	Oxide of Manganese,	Catawba,	Catawba Sta.
b. 7	Quartz, Saccharoidal,	Wake,	Raleigh.
3283	Quartz,	Buncombe,	Mine Hole Gap
4371	Corundum, with Smaragdite,	Clay,	Shooting Creek
3237	Quartz, Milky,	Anson,	n'r Pee Dee R.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Magnetite,	Granville,	Young's X R'd.
4466	Magnetite,	Davidson,	Thomasville.
3557	Corundum,	Haywood,	Waynesville.
3527	Epidote,	Gaston,	Ellison's Ore B.
3525	Corundum,	Gaston.	
4391	Wad, Dendrite or Albite, Quartz, Flint, Micaceous Iron,	Haywood, Granville, Granville,	E. F'k Pig'n R. Oak Hill. Indian Grave Hill.
3233	Novaculitic Quartzite,	Anson,	Wadesboro.
3497	Corundum,	Forsyth,	Winston.
3476	Quartz,	Davidson,	n'r Welcome.
No. 1	Sand, with Hornblende, Gar- net, Beryl and Mica,	Forsyth,	Salem.
No. 2	Sand, with Beryl, Garnet, Hornblende, Feldspar, Mica and Magnetite,	Forsyth,	Salem.
1493	Quartz Crystals, Quartz, with Garnet, Beryl and Mica,	Caswell, Forsyth,	Locust Hill. Winston.
	Sand, with Gar't, Mica, Beryl,	Forsyth,	Winston.

## CASE XXXVI.

4080	Psilomelane,	Nash,	Castalia.
3950	Psailomelane,	Mitchell,	Gillespie's Gap
3818	Quartz, Chalcedony,	Mitcheil,	Mining Creek.
3750	Menaccanite, Titanic Iron,	Mitchell,	n'r Flat Riv'r.
4163	Quartz, Saccharoidal,	Vance,	Flat Creek.
3744	Gummite,	Mitchell,	Flat Rock.
3727	Quartz, with Othoclase,	Mitchell,	Lick Ridge Mica Mine.
3922	Hematite, Shaly Red,	Madison,	Hot Springs.
4430	Magnetite, with Enstatite,	Moore,	Carthage.
3677	Gummite, with Feldspar,	Mitchell,	Flat Rock.
3984	Limonite, Pseudomorph after Pyrite,	Orange,	Chapel Hill.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3816	Limonite, Brown Hematate,	Mitchell,	Buchanan.
3977	Iron Sand Concretions,	Moore,	Southern Pines.
3336	Quartz, Rock Crystal,	Caldwell,	Patterson.
3603	Psilomelane, Black Oxide of Manganese,	Macon,	West's Mills.
3650	Corundum, with Orthoclase,	Macon,	Lucas Mine.
4043	Spinel, Prochlorite, Corun- dum, &c.	Macon,	Jenk's Mine.
3972	Quartz, Tubular,	Moore,	Gold Branch.
3715	Quartz, Chert,	Mitchell,	Mining Creek.
3673	Quartz, Flint,	Mitchell,	Mining Creek.
3819	Quartz, Drusy,	Mitchell,	Mining Creek.
4121	Quartz, Jasper,	Stokes,	M't's Lime Qy.
3642	Corundum, with Prochlorite,	Macon,	Lucas Mine.
4030	Corundum, Partly Altered to Margarite,	Macon,	Lucas Mine.
3611	Chromite,	Macon,	S. of Franklin.
3831	Corundum,	Haywood,	Pigeon River.
3937	Quartz, Milky,	Mitchell,	Wiseman Mine.
3789	Wad, Dendritic,	Mitchell,	N. Toe River.
3630	Corundum,	Macon,	Lucas Mine.
3987	Hematite, with M'c'ous Iron,	Orange,	Un'v'ity Sta.
3617	Menaccanite, with Chlorite,	Macon,	Franklin.
3678	Quartz, Laminated, with Mus- covite,	Mitchell,	Flat Rock.
4122	Quartz, Moss Agate,	Stokes,	Martin's Lime Quarry.
3999	Hematite, with Chrysocolla,	Person,	Gillis' Mine.
3912	Quartz,	Madison,	Hot Springs.
4467	Uraninite, with Gummite,	Mitchell,	White Plain.
3612	Psilemelane,	Macon,	Cullasaja.
3570	Quartz, Rock Crystal,	Johnston,	Smithfield.
3981	Quartz, Jasper,	Orange,	Chapel Hill.
3876	Rutile,	Lincoln,	Chubb Mt.
3871	Hematite, Ocherous Earth,	Jackson, Vance,	Bryson. Kittrell's.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3575	Limonite, Clay Iron Stone,	Johnston,	Elevation.
3574	Limonite, Brown Hematite,	Johnston	Leechburg.
3864	Pyrolusite,	Jackson,	Balsam Mt.
3965	Hematite,	Montg'm'ry,	Mth. of Wharie River.
4416	Rutile in Cyanitic Rock,	Lincoln,	Chubb's Mt.
3618	Corundum, Oriental Topaz,	Macon,	Jenk's Mine.
4196	Hematite,	Watauga,	Beech Mt.
4167	Quartz, Radiated,	Wake,	Raleigh.
3905	Quartz, Agate,	Madison,	Marshall.
3904	Quartz,	Madison,	Marshall.
4192	Hematite. Micaceous Iron Ore,	Warren,	Middleburg.
G.S.3061	Rutile,	Clay,	Haysville.
3656	Rutile,	Madison,	Marshall.
	Quartz, Banded Agate,	Wake,	W. O. Still.
4168	Quartz, Smoky,	Wake,	near Raleigh.
4156	Limonite, Pseudomorph after Pyrites,	Tr'n'slv'nia,	Brevard.
	Quartz, Rock Crystal,	Wake,	Raleigh.
4116	Limonite, Concretionary,	Stokes,	Danbury.
4134	Quartz, Opalescent,	Stokes,	Dan River.
4157	Quartz, Hematite,	Union,	Jackson T.
		Surry,	Mt. Airy.
4224	Quartz, Amethystine,	Wilson,	Turkey Creek.
4145	Magnetite,	Surry,	Dobson.
4150	Magnetite,	Surry,	Fisher's Peak.
4174	Quartz, Amethystine, Carsiderate in Greisen,	Wake,	near Raleigh.
		Gaston,	King's Mt.
4161	Quartz, Chalcedony,	Vance,	Kittrell's.
4061	Quartz, Sandstone,	Madison,	Paint Rock.
4065	Hematite,	McDowell,	Linville.
3898	Manganese Wad,	Jackson,	near Webster.
3583	Mica Biotite, with Muscovite,	Macon,	Hall Mine.
3991	Limonite, Pseudomorph after Pyrite,	Orange,	near Hillsboro.
4152	Quartz, Milky,	Surry,	War Hill.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4169	Quartz, Rock Crystal,	Wake,	near Raleigh.
4155	Quartz, Flint,	Tr'ns'lv'nia,	Davidson D.
3632	Corundum, Pink,	Macon,	Lucas Mine.
3595	Corundum, Pink,	Macon,	Jenk's Mine,
3602	Quartz, Chalcedony in Part,	Macon,	Jarratt's.
4011	Hematite, with Slale,	Person,	Mill Creek.
3914	Quartz,	Madison,	near Hot Sp'gs.
3989	Hematite, Micaceous Iron,	Orange,	Elleby Creek.
4187	Limonite, with Pyrite,	Wake,	near Raleigh.
4120	Quartz, Moss Agate,	Stokes,	Martin's Lime Quarry.
4119	Quartz Flint,	Stokes,	Martin's Lime Quarry.
3590	Quartz Taken from a Mica Vein,	Macon,	Bowers Mica.
4256	Quartz, Rock Crystal, 3 Spec.,	Yancey,	Ray's Mine.

## CASE XXXV DECK.

3125	Quartz, Feldspar, Mica, Tour- maline,	Yancey,	Ray Mines.
4223	Quartz (with Galenite),	Wilkes,	Flint Park.
3637	Corundum, Altered into Prochlorite,	Macon,	Corundum Hill
	Chalcedony,	Wake,	near Auburn.
	Quartz, with Mica,	Wake,	Barton's Cr'k.
4564	Quartz, Massive Vein Quartz,	Macon,	near Franklin.
4123	Quartz, Variety, Agate,	Stokes,	Martin's Lime Quarry.
	Chalcedony.		
4195	Magnetite,	Watauga,	Beech Mt.
3204	Quartz, Variety, Milky Q'tz,	Alamance,	near Garret's.
4335	Quartz, with Hornblende,	Burke,	Brindletown.
4276	Chromite, Chromic Iron,	Yancey.	
3234	Novaculite, or Whetstone,	Anson,	Wadesboro.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4441	Quartz, Hyalite (with Garnet, &c.),	Yancey,	So. Toe River.
4092	Hematite, with Quartz,	Rowan,	Reimer Mine.
3486	Quartz, Radiat'd and Tabul'r,	Edgecombe,	Rocky Mount.
3208	Quartz, Variety, Pseudomor- phous,	Alexander,	n'r Taylorsv'le.
4297	Quartz, Variety, Green Hyalite,	Yancey,	So. Toe River.

## DECK, CASE XXXVI.

4296	Gummitite, with Muscovite, Feldspar, &c.,	Yancey,	So. Toe River.
	Quartz, Rock Crystal,	Alleghany.	
3203	Quartz, Variety, Votryoidal Quartz,	Alamance,	near J. Smith's.
	Quartz, variety, Agate,	Cabarrus,	Harrisburg.
3841	Limonite, Chalybeate Spring Deposit,	Iredell,	near Statesv'le.
3462	Quartz, Variety, Flint,	Davidson,	10 Ms. South of Lexington.
3562	Psilomelane,	Haywood.	
3267	Hematite, Red Hematite in Quartz,	Buncombe,	near Asheville.
	Jasper,	Madison.	
4144	Magnetite, with Prochlorite,	Surry,	near Dobson.
3468	Quartz, Variety, Tabular Qtz,	Davidson,	N.of Lexingt'n.
3503	Quartz, Variety, Tabular Qtz,	Franklin,	nr. Louisburg.
4185	Quartz, Var'ty, Amethystine.		
3363	Quartz, Tabular Quartz,	Catawba,	near Newton.
4379	Orthoclase (Altered Partly),	Davidson,	Lexington.
3561	Opalescent Quartz, with Pyrite, &c.,	Haywood,	Reece's Mine.
4154	Quartz,	Swain,	Jarrett's.
4199	Magnetite,	Watauga,	Cooper's Gap.

## MONAZITE.

ON DECK OF CASE XXXV, IN LARGE BOTTLE.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Monazite Bearing Gravel,	Cleveland,	Mitch'l's Mine.
	Monazite Bearing Gneiss,	Cleveland,	Phifer Mine.
	Land Containing Monazite (Taken from Head of Sluce Box During Washing,)	Cleveland,	Richards.
	Tailings (Garnet, Rutile, &c.) Taken From Final CLEAN UP,	Cleveland,	Wellman.
	Tailings from Sluice box,	Cleveland,	Richards.
	Monazite Sand (Cl'ned by Washing,)	Cleveland,	Pearl.
(i)	Original Sand (as Concentrated and Cleaned by Washing in Sluice Box at Mine.		
(ii)	Monazite Sand, Cleaned From (i) by Process of Nitze & Wilkins.		
(iii)	Rutile, Garnet &c. Sep'r't'd From (i) by Process of Nitze & Wilkins.		
	Monazite Sand (Tailings from Pour- ing Rewashed,)	Rutherford	Price Mine.
	Monazite Sand (Cl'ned by Washing,)	Cleveland,	Peeler.
	Monazite Sand (Clea'ed by Washing,)	Gaston.	
	Monazite Sand (Clean'd by W'shing,)	Cleveland,	Lattimore
	Monazite Sand (Cleaned by Washing, (Hillside Washings,)	Cleveland,	Phifer Mine.
	Monazite Sand (Cleaned by Washing)	Burke,	White Bank.

ON TOP OF DECK XXXVI.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Monazite Sand (Cleaned by Washing, Cleveland,		Fallston.
	Monazite Sand (Washed and Cleaned with Hand-magnet,	McDowell,	Whit'ner Mine.
	Monazite Sand (not Cleaned,)	Rutherford	Golden Valley.
	Monazite, Washed, but not Separated from Magnetite,	McDowell,	Whitener.
	Monazite Sand, Cleaned by Washing, Pouring and Rewashing,	McDowell,	Gum Branch.
	Monazite Sand, Cleaned by Washing, Cleveland,		Richards Mine.
	Monazite Sand, Cleaned by Washing, Rutherford		Price's Mine.
	Monazite Sand, Cleaned by Washing, Cleveland,		Ledford Mine.
	Monazite Sand, Cleaned by Washing, Lincoln,		Thompson,
	Hillside Dirt, Containing Monozite, Cleveland,		Phifer Mine.
	Monazite Bearing Cyanite,	Cleveland,	Ivester Mine.

## SILICATES.

CASE XXXVII.

3658	Amphibole, Var. Horn-blende.	Madison,	New Marshall.
4442	Garnet, Variety Spessartite.	Yancey,	near Young's.
242	Massive Iron Garnet,	Chatham,	Buckhorn.
3083	Feldspar in Chrysolite, Chrysolite,	Clay. Rock'gh'm,	Buck Creek. Richmond.
4284	Amphibole, Variety Asbestos,	Yancey.	Proffitt.
4231	Muscovite (with Quartz, Gar- net and Feldspar),	Yancey,	Ray's Mine.
4233	Beryl,	Yancey,	Ray Mine.
4248	Tourmaline (with Columbite),	Yancey,	Ray Mine.
3801	Albite Soda Feldspar,	Mitchell,	Eagle Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4014	Orthoclase, Variety Felsite,	Person,	Hico.
4012	Tourmaline,	Person,	Leasburg.
4000	Garnet, Variety Melanite,	Person,	Gillis Mine.
3137	Cyanite,	Yancey,	Black Mts.
4557	Muscovite, Common Mica,	Yancey,	S. Toe River.
4299	Muscovite, Common Mica,	Yancey,	S. Toe River.
4261	Orthoclase, Var. Microcline,	Yancey,	Ray's Mine.
3895	Amphibole, Var. Horn-blende,	Jackson,	Cullowhee.
	Tourmaline with Muscovite,	Yancey,	Ray's Mine.
3760	Quartz, Variety Hyalite,	Mitchell,	Point Pizzle.
3886	Enstatite,	Jackson,	Webster.
3775	Muscovite, Common Mica,	Mitchell,	North Toe River Ford.
4240	Tourmaline, Asbestos,	Yancey, Vance,	Ray's Mine. Kittrell's.
4234	Beryl,	Yancey,	Ray's Mine.
3531	Cyanite Disthene,	Gaston,	Crowder's Mt.
4308	Chrysolite with Actinolite,	Yancey,	Hampton's.
4237	Beryl (with Tourmaline),	Yancey,	Ray's Mine.
4267	Albite Soda Feldspar,	Yancey,	Ray's Mine.
4260	Orthoclase, Variety Amazon Stone,	Yancey,	Ray's Mine.
4294	Muscovite (with Garnet),	Yancey,	S. Toe River.
4547	Beryl (with Tourmaline),	Yancey,	Ray's Mine.
4247	Tourmaline (in Feldspar),	Yancey,	Ray's Mine.
4252	Garnet, Variety Melanite,	Yancey,	Ray's Mine.
4239	Tourmaline,	Yancey,	Ray's Mine.
4251	Garnet, Variety Almandite,	Yancey,	Ray's Mine.
4263	Orthoclase (with Quartz),	Yancey,	Ray's Mine.
4277	Amphibole, Variety Asbesti- form Actinolite,	Yancey,	Hampton's.
4289	Cyanite (with Muscovite),	Yancey,	Black Mt.
4273	Chrysolite,	Yancey,	Hampton's.
4446	Chrysolite,	Yancey,	near Young's.
4244	Tourmaline (with Quartz and Feldspar(,	Yancey,	Ray's Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4290	Amphibole, Variety Actinolite,	Yancey,	Bald Mt.
4286	Muscovite (Common Mica),	Yancey,	Simmon's Mine
4381	Epidote,	Durham,	Red Mt.
4258	Glassy Feldspar (with Quartz),	Yancey,	Ray Mine.
3245	Amphibole, Var'ty Asbestos,	Ashe,	Shady Springs.
4253	Garnet, Variety Grossularite,	Yancey,	Ray's Mine.
4285	Garnet, Variety Andradite,	Yancey,	Proffitt.
3467	Pyroxene, Variety Augite,	Davidson,	n'r Th'm'sv'le.
4278	Amphibole, Var.Hornblende,	Yancey,	Hampton's.
	Garnets, in Mica Schist,	Harnett,	Chalk Level.
4259	Amphibole, Va'ty Actinolite,	Yancey,	Ray's Mine.
4262	Hornblende,	Granville,	Bolling's Mt.
4288	Garnet, Variety Melanite,	Yancey,	Brush Creek.
4302	Tourmaline,	Yancey,	nr. Burnsville.
3310	Cyanite, or Disthene,	Burke,	near Hickory.
3273	Muscovite, Common Mica,	Buncombe,	Balsom Gap M.
3274	Muscovite, Common Mica,	Buncombe,	Balsam Gap M.
4229	Muscovite, Common Mica,	Yancey,	Ray's Mine.
4232	Beryl,	Yancey,	Ray's Mine.
3554	Muscovite, with Albite and Quartz,	Haywood,	Big Ridge M.
4298	Garnet, Variety Andradite,	Yancey,	S. Toe River.
3282	Amphibole, Fibrous Hornblende,	Buncombe,	Ash'ville Drift.
4331	Amphibole (with Actinolite),	Buncombe,	n'r Asheville.
3254	Garnet, Almandite,	Buncombe,	Balsam Gap M.
3275	Allanite, Acerium Epidote,	Buncombe,	Balsam Gap M.
3276	Garnet, Almandite,	Buncombe,	Balsam Gap M.
3318	Talc, Steatite or Soapstone,	Burke,	Ore Knob M.
3244	Epidote, Lime, Iron, Aluminum Silicate,	Ashe,	Elk Knob.
4312	Cyanite (with Corundum), Epidote,	Buncombe,	Swan'noa Gp.
4245	Tourmaline (in Orthoclase),	Ashe,	Blivin's.
		Yancey,	Ray's Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4241	Tourmaline,	Yancey,	Ray's Mine.
4545	Beryl (with Albite),	Yancey,	Ray's Mine.

## CASE XXXVIII.

3259	Muscovite, Common Mica,	Buncombe,	Balsam Gap M.
3288	Cyanite,	Buncombe,	Black Mts.
3258	Muscovite Mica (with Garnet in Feldspar),	Buncombe,	Balsam Gap M.
3260	Mica,	Buncombe.	
3278	Allanite,	Buncombe,	Balsam Gap M.
3270	Biotite (Mica),	Buncombe,	Balsam Gap M.
3482	Tourmaline,	Buncombe,	n'r Swan Gap.
3500	Muscovite (Common Mica),	Franklin,	Laurel.
3262	Beryl,	Buncombe,	Balsam Gap M.
3279	Allanite (Acerium Epidote),	Buncombe,	Balsam Gap M.
3348	Feldspar (Orthoclose),	Caldwell,	near Lenoir.
3344	Beryl,	Caldwell,	Ft. Defiance.
3481	Amphibole, Var. Asbestiform Actinolite,	Ashe,	Witherspoon's.
3264	Cyanite,	Buncombe,	Swannanoa Gp.
4413	Biotite and Muscovite,	Haywood,	Big Ridge M.
3335	Amphibole, Var. Asbestos,	Caldwell,	Baker Mine.
3246	Amphibole, Var. Tremolite,	Ashe,	3 Top Mount.
3266	Beryl,	Buncombe,	Swannanoa Cr'k.
3327	Amphibole, Var. Hornblende,	Buncombe,	Swannanoa Cr'k.
3277	Garnet, (Common Garnet),	Buncombe,	Balsam Gap M.
3322	Fibrolite,	Burke,	Brindletown.
3200	Amphibole, Variety Actino- lite,	Alamance,	McAdden's M.
3325	Garnet, Var. Melanite,	Burke,	Morganton.
3281	Biotite, Mica,	Buncombe,	Hominy Creek.
3293	Muscovite, in Mica Schist,	Burke,	South Mt's.
3304	Epidote,	Burke,	South Mt's.
3309	Garnet, Variety Andradite,	Burke,	South Mts.
3346	Amphibole, Variety Asbestos,	Caldwell,	King's Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3255	Garnet, in Feldspar and Q'tz,	Buncombe,	Balsam Gap M.
3395	Biotite, (Altered),	Caldwell,	near Lenoir.
3301	Beryl,	Burke,	Mills Gold M.
4317	Tourmaline, Tourmaline,	Buncombe, Ashe,	Balsam Gap M. Beaver Creek.
3316	Amphibole, Var. Actinolite,	Burke,	Ore Knob M.
3307	Amphibole, Variety Asbestos,	Burke,	Brindletown.
4334	Tourmaline,	Burke,	Piedm't Sprigs.
3256	Garnet, Almandite, Common Garnet,	Buncombe,	Balsam Gap M.
4310	Chrysolite, Zircon (Crystal),	Ashe, Henderson,	near Jefferson. Green River.
3311	Garnet,	Burke,	Hickory.
3564	Garnet, Variety Almandite,	Haywood,	n'r Way'sville.
3493	Amphibole, Var. Asbestos,	Forsyth,	Old Town.
3328	Amphibole, Granular Horn- blende.	Burke,	South Mts.
3339	Garnet, Variety Almandite,	Caldwell,	near Lenoir.
3388	Amphibole, Variety Asbestos,	Cabarrus,	McMakin M.
4382	Albite, Soda Feldspar,	Forsyth,	near Salem.
3397	Amppibole, Var. Tremolite,	Catawba,	Hooper's Q'ry.
3371	Amphibole, Variety Actinolite,	Catawba,	Mt. Anderson.
3206	Garnet, Common Garnet,	Alexander,	Catawba River.
3305	Biotite, Magnesia, Iron Mica,	Burke,	Silver Creek.
3479	Orthoclase, in Porphyritic Granite,	Anson,	Pee Dee Sta'n.
3501	Amphibole, Variety Asbestos,	Franklin,	n'r Louisburg.
3300	Quartz, with Beryl Matrix, Asbestos,	Burke, Forsyth,	Mills Mine. near Winston.
3298	Quartz, Variety Rock Crystal,	Burke,	n'r Morganton.
3329	A Manganese Iron Garnet,	Burke,	n'r Bridg'wa'r.
3316	Amphibole, Var. Actinolite,	Burke,	Ore Knob Mi.
3396	Amphibole, Var. Tremolite,	Catawba,	Hooper's Q'ry.
3359	Amphibole Hornblende Schist,	Catawba, Titanic Iron,	Hickory. N. A. Gregory.
4309	Tourmaline,	Granville, Alexander,	Little River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3494	Tourmaline, T'rmaline Schist,	Forsyth,	Kernersville.
3428	Staurolite,	Cherokee,	near Murphy.
3332	Amphibole, Variety Asbestos,	Caldwell,	Baker Mine.
3352	Tourmaline,	Caldwell,	Ft. Defiance.
3447	Amphibole, Var. Smaragdite,	Clay,	Buck Creek.
3426	Staurolite,	Cherokee,	Parker Mine.
3495	Enstatite, Variety Bronzite,	Forsyth,	n'r Ker'rsville.
3555	Muscovite, Common Mica,	Haywood,	Big Ridge M.
3337	Amphibole, Titanium,	Caldwell, Granville,	near Lenoir. near Kittrells.
3291	Garnet, Variety Almandite,	Burke,	South Mts.
3846	Tourmaline (in Quartz),	Iredell,	near Olin.
3550	Orthoclase, Com'n Feldspar,	Guilford,	High Point.
4360	Enstatite,	Clay,	Buck Creek.
4378	Chrysolite, with Prochlorite, Amphibole, Titanic Iron,	Clay, Granville, Granville.	Shooting Cr'k. Bolling's Mt.

## CASE XXXVII, DECK.

4409	Biotite,	Haywood.	
3263	Cyanite or Disthene,	Buncombe,	Swa'na'oa G'p.
	Garnet, Almandite, with Feld- spar,	Yancey,	S. Toe River.
4478	Limonite, Pseudomorph after Pyrite,	Cherokee.	
	Gangue Rock,	Yancey,	Ray Mica M'e.
4468	Albite, Soda Feldspar,	Madison.	
	Amphibole, Tremolite,	Granville,	Bolling's Mt.
3269	Cyanite or Disthene,	Buncombe,	Swa'na'oa G'p.
	Amphibole, Tremolite,	Granville,	Bolling's Mt.
3303	Talc, Soapstone,	Burke,	Glen Alpine Springs.
	Amphibole, Var'ty, Actinolite in Talc,	Burke,	Brindletown.
3129	Gangue Rock, Feldspar and Mica,	Yancey,	S. Toe River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4271	Cyanite (in Mica Schist),	Yancey,	Ray Mine.

## CASE XXXVIII, DECK.

3247	Cyanite,	Ashe,	Gap Creek.
4398	Amphibole (Var. Tremolite),	Iredell,	n'r Statesville.
3131	Allanite in Feldspar,		Trolley Bend.
3320	A'phibole, Var'ty Actinolite,	Burke,	Brindleton.
3315	A'phibole, Var'ty Actinolite,	Burke,	Mace's S. Mts.
3451	Zoisite, or Lime Epidote,	Clay,	Buck Creek.
3845	A'phibole, Var'ty Actinolite,	Iredell,	near Olin.
3545	Labradorite (Lime Soda Feld-		
	spar),	Granville,	n'r Shil'h C'h.
	Mica Schist,	Yancey,	Ray Mica M.
4321	Amphibole, Hornblende,	Buncombe,	near Ash'ville.
4385	Enstatite,	Granville,	Grissom.
4315	Corundum in Cyanite,	Buncombe,	Swa'na'oa G'p.
3517	Cyanite in Cyanite Schist,	Gaston,	Crowder's Mt.
3218	Garnet, in Part Decomposed,	Alexander,	n'r Tayl'svle.
4354	Arfvedsonite, Zoisite, Corun-		
	dum, &c.,	Clay,	Buck Creek.
3218	Garnet, in Part Decomposed,	Alexander,	n'r Tayl'svle.
3519	Tourmaline with Epidote,	Gaston,	near Ellison's
			Ore Bank.

## CASE XXXIX.

3460	Garnetiferous Mica Schist, (Altered),	Cleveland,	near B'd River.
3084	Chrysolite, Showing Parallel Weathering,	Clay,	Buck Creek-
	Tourmaline,	Iredell.	
3425	Staurolite,	Cherokee,	Parker Mine.
3341	Amphibole, Var. Hornblende,	Caldwell,	near Lenoir.
3464	Epidote,	Davidson,	Thomasville.
3549	Amphibole, Var. Hornblende,	Guilford,	Polecat Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4177	Tourmaline,	Wake,	near Raleigh.
3478	Garnet, Variety Pyrope in Mica Schist,	Alexander,	near Head of Catawba River.
	Tourmaline,	Iredell.	
3843	Oligoclase, Variety Sunstone,	Iredell,	near St't'sville.
3433	Tourmaline, Hornblende,	Cherokee, Granville,	Hanging Dog. Sassafras Fork.
3849	Albite, Soda Feldspar,	Iredell,	Hunting Creek.
4379	Allanite,	Iredell,	near St't'sville.
3563	Cyanite or Disthene,	Haywood,	Waynesville.
3523	Amphibole, Variety Actinolite,	Gaston,	Rhodes Mine.
4359	Cyanite,	Clay,	Buck Creek.
3537	Amphibole, Var. Hornblende,	Gaston,	King's Mt.
4093	Muscovite, Partly Decomposed,	Rowan,	Salisbury.
3437	Amphibole, Variety Tremolite,	Cherokee,	No. 6 Mine.
4346	Amphibole, Var. Smaragdite,	Clay,	Buck Creek.
3820	Biotite (or Muscovite Partly Decomposed),	Mitchell,	nr. Bakersville.
3506	Epidote,	Gaston,	3 M. S. Dallas.
3438	Amphibole Variety Trem'lite,	Cherokee,	Marble Creek.
3754	Epidote,	Mitchell,	Wiseman M.
3952	Garnet, Variety Melanite,	Mitchell,	Brush Creek.
3596	Corundum,	Macon,	Elijah Creek.
3734	Garnet, Variety Melanite.	Mitchell,	N. Toe River.
4016	Epidote, with Granite,	Person,	Roxboro.
3753	Garnet, Melanite, Staurolite,	Mitchell, Cherokee.	Wiseman M.
3080	Orthoclose, Common Feldspar,	Mitchell,	Flat Rock.
3868	Orthoclase, with Quartz and Muscovite,	Jackson,	Whiteside Mt.
3860	Amphibole, Tremolite, Al- tered,	Jackson,	Webster.
4027	Garnet, Pyrope,	Mitchell,	Pt. Pizzle.
3729	Garnet, Muscovite,	Mitchell,	Lick Ridge.
3625	Muscovite, Common Mica,	Macon,	Hall Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3424	Staurolite,	Cherokee,	n'r Ducktown.
3427	Staurolite,	Cherokee,	near Murphy.
4031	Chrysolyte, with Chrormite,	Macon,	Corund'm Hill.
3721	Amphibole, Tremolite,	Mitchell,	Mining Creek.
3587	Muscovite, Common Mica,	Macon,	Bryson. Mine.
3614	Amphibole, Asbestiform, Tremolite, &c.,	Macon,	Sugartown.
4006	Amphibole,	Person,	Woodsdale.
4341	Garnet, Variety Almandite,	Cherokee,	Morganton R.
3844	Amphibole, Variety Tremolite,	Iredell,	Statesville.
3553	Biotite, Black Mica,	Haywood,	Big Ridge M'e.
4470	Epidote,	Madison.	
3610	Garnet, with Muscovite,	Macon,	Bryson's Mine.
4015	Cyanite, or Disthene,	Person,	Barrett's.
3663	Albite, Soda Feldspar, Zircon,	Madison,	Carter Mine.
3567	Zircon,	Henderson,	Green River.
3434	Amphibole, Var. Actinolite,	Cherokee,	Hempt'n C'k.
3524	Margarite,	Gaston.	
3408	Garnet, Andradite, with Mag- netite,	Chatham,	near Lockville.
4084	Amphibole, Variety Asbestos,	Polk,	Tryon Mt.
4085	Amphibole, Tremolite, with Talc,	Randolph,	Parish Mine.
	Flexible Sandstone, or Itaco- lomite,	Stokes.	
3749	Albite,	Mitchell,	Flat River.
3457	Tourmaline.,	Cleveland,	Mount'n Mine.
4096	Garnet, Variety Andradite,	Rutherford,	Laurel Springs.
4171	Chrysolite (Menaccanite),	Wake.	near Raleigh.
4369	Zoisite,	Clay,	Buck Creek.
4165	Muscovite, Common Mica.	Wake,	Raleigh.
4213	Epidote (with Chrysolite),	Watauga.	Miller Mine.
4200	Epidote,	Watauga,	Watauga Pike.
3568	Beryl, Variety Aquamarine.	Henderson,	near Saluda.
3423	Staurolite,	Cherokee,	Morganton R.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4361	Pyroxene, Variety Augite,	Clay,	Buck Creek.
2144	Pyroxene, Epidote, Garnet,	Mitchell,	Cranberry M.
2144	Allanite, in Feldspar, Epidote, Quartz, &c.,	Mitchell,	Cranberry M.

## CASE XL.

4205	Epidote, in Argillyte,	Watauga,	Lenoir.
4352	Amphibole (Smaragdite, with Corundum),	Clay,	Buck Creek.
4368	Arfdedsonite (with Albite),	Clay,	Buck Creek.
3448	Amphibole, H'bl'de in Albite,	Clay,	Buck Creek.
4098	Garnet, Variety Almandite,	Rutherford,	Jamestown.
4103	Amphibole, Var. Asbestos,	R'kingham,	Wentworth.
4138	Garnet, Variety Andradite,	Stokes,	Germantown.
4031	Amphibole, Variety H'nbl'de,	Stokes,	Roger's Ore B'k
4110	Muscovite, Common Mica,	R'kingham,	Reidsville.
4131	Amphibole, V'r'ty Actinolite,	Stokes,	Roger's Ore B'k
	Actinolite,	Surry,	Mt. Airy.
4133	Titanite or Sphene,	Stokes,	Roger's Ore B'k
	Garnet Crystals,		Bushnell.
	Glassy Feldspar,		Bushnell,
4225	Orthoclase, with Quartz and Biotite,	Wilson,	near Wilson.
4117	Amphibole, Vari'ty H'nbl'de,	Stokes,	near Danbury.
	Mica,	Wake,	Raleigh.
4208	Epidote,	Watauga,	Rich. Mt.
	Garnet,	Randolph,	Ashboro.
4083	Tourmaline,	Polk,	Tryon.
4104	Tourmaline,	R'kingham,	n'r Wentworth.

## CASE XL.

4203	Epidote,	Watauga,	Watauga R.
4418	Albite, Soda Feldspar,	Macon,	Hall's Mica.
4105	Pyroxene,	Rock'gh'm,	Wentworth.
4204	Epidote with Albite,	Watauga.	
4437	Garnet, Variety Melanite,	Wilkes,	Yadkin River.
4107	Amphibole, Var. Hornblende,	Rock'gh'm,	Dan River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4172	Biotite, Black Mica,	Wake,	Penitentiary Quarry.
4124	Albite (with Calcite),	Stokes,	Martin's Lime Quarry.
4220	Garnet, Variety Andradite,	Wilkes,	nr. Wilkesboro.
4202	Epidote,	Watanga,	Watauga R.
4212	Cyanite,	Watauga,	Boone.
3913	Garnet, Variety Almandite,	Madison,	Hot Springs.
4179	Garnet, Variety Almandite,	Wake,	Bartons Creek.
4211	Amphibole, Var. Actinolite,	Watauga,	near Boone.
4045	Garnet, Variety Almandite,	Macon,	Bryson Mine.
3585	Muscovite, Common Mica,	Macon,	Alman Mica.
4173	Orthoclase, PotashFeldspar,	Wake,	near Raleigh.
4082	Garnet, Variety Melanite,	Polk,	Tryon.
4201	Epidote,	Watauga,	Watauga Riv'r.
4097	Garnet, Variety Melanite,	Rutherford,	Laurel Springs.
4106	Tourmaline,	Rock'gh'm,	n'r Wentworth.
3576	Biotite and Muscovite,	Macon,	Lyles Mine.
3873	Chrysolite (with Talc), Tourmaline,	Jackson,	Canada Creek.
3694	Cyanite or Disthene,	Wake,	Cary.
3739	Garnet, Variety Melanite,	Mitchell,	Eagle Mine.
3888	Enstatite, with Chrysolite,	Jackson,	Elsie P. O.
4170	Garnet, Variety Almandite,	Wake,	Webster.
3494	Tourmaline, Hornblende,	Forsyth,	near Raleigh.
		Wake,	Kernersville.
			Upchurch
			Farm.
3600	Amphibole, Var. Actinolite,	Macon,	near Franklin.
3894	Amphibole, Hornblende (Coated with Hematite),	Jackson,	Webster.
3907	Pyroxene, Variety Augite,	Madison,	Marshall.
3875	Garnet, Variety Andradite,	Lincoln,	Chubb Mt.
4166	Chrysolite,	Wake,	Raleigh.
4425	Garnet, Variety Almandite,	Macon,	Franklin.
3723	Amphibole, Variety Tremo- lite,	Mitchell,	Mining Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3584	Muscovite (altered),	Macon,	Hall Mine.
3869	Wad, Dendritic on Quartz,	Jackson,	Whiteside Mt.
3735	Garnet, Variety Aplome,	Mitchell,	N. Toe River.
3633	Enstatite, Variety Bronzite,	Macon,	Corundum
			Hill.
3882	Chrysolite,	Jackson,	Webster.
3613	Cyanite, Blue Cyanite,	Macon,	West's Mills.
3752	Muscovite, Common Mica,	Mitchell,	near Penlands.
3604	Garnet, Andradite,	Macon,	near Franklin.
3809	Garnet, Pyrope (with Museo-vite,)	Mitchell,	Point Pizzle.
3787	Muscovite, Common Mica,	Mitchell,	Buchanan.
3889	Enstatite, Variety Bronzite,	Jackson,	Webster.
3719	Chrysolite,	Mitchell,	Mining Creek.
4052	Chrysolite (in Part Altered)	Macon,	Sugartown.
4036	Chrysolite,	Macon,	Gregory Hill.
3909	Epidote (with Orthoclase),	Madison,	nr. Hot Spgs.
3751	Corundrum,	Mitchell,	Irby Mine.
3601	Amphibole, Asbestiform, Tremolite,	Macon,	Sugartown.
	Zircon,	Henderson.	
3631	Corundum,	Macon,	Corund'm H.
3581	Muscovite, with Crystals of Biotite,	Macon,	Rocky Face.
4407	Muscovite, Common Mica,	Haywood,	Big Ridge M.
3883	Chrysolite (Slaty),	Jackson,	nr. Webster.
3605	Garnet, Variety Andradite,	Macon,	nr. Franklin.

## CASE XXXIX, (DECK.)

3055	Bronzite in Chrysolite,	Jackson,	Webster.
3138	Cyanite and Graphite,	Mitchell,	Bandaman.
4563	Amphibole (Hornblende), Muscovite,	Clay, Macon.	Buck Creek.
3089½	Chrysolite, with Riplidolite and Anthophyllite,	Clay,	Buck Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3986	Amphibole, Hornblende,	Orange,	University S.
4051	Muscovite, with Quartz,	Macon,	Hall Mine.
3609	Garnet, Variety Spessartite,	Macon,	Bryson Mine.
3731	Chrysolite (with Talc and Chrysolite),	Mitchell,	North Toe R.
4058	Magnetite,	Madison,	nr. Marshall.
3651	Tourmaline,	Macon,	Corund'm H.
3921	Jefferisite, with Albite.	Madison,	Carter M.
4469	Garnet,	Madison.	
3917	Chrysolite, with Magnetite.	Madison.	
3633	Enstatite, Bronzite,	Macon,	Corund'm Hill.
3607	Garnet,	Macon,	Sugartown.
3974	Amp'ibole(V'rit'y Trem'lite),	Mitchell,	Young's.
3961	Amphibole, (with Asbestoś),	Mitchell,	nr. Burnsville.
3662	Garnet, Variety Andradite,	Madison,	Carter Place.
4028	Tourma'line,	Macon,	Corund'm H.
3959	Amphibole, Variety Asbestos,	Mitchell,	Burnville.
4099	Orthoclase,	Macon.	
3623	Corundum,	Macon,	nr. Franklin.
4003	Epidote, with Quartz,	Person,	Gillis Mine.
4414	Biotite and Muscovite,	Haywood,	Big Ridge M.
3125	Tourmaline, Quartz and Feld.	Yancey,	Ray Mine.
3918	Amphibole, Hornb. with Tale,	Madison,	Bear Creek.
3636	Enstatite, Variety Bronzite.	Macon,	Gregory Hill.
3594	Tourmaline,	Macon,	Jenk's Mine.
4021	Enstatite,	Mitchell,	nr. Bakersville.
3629	Enstatite,	Macon,	Lucas Mine.
3803	Labradorite,	Mitchell,	Cox's Mine.
3608	Garnet, Variety Spessartite,	Macon.	Brysons.
4017	Orthoclase and Quartz,	Mitchell,	Cox's Mine.
4068	Limonite,	McDowell,	Peter Cove.
3627	Orthoclose (with Quartz),	Macon.	Hall Mine.
4056	Garnet, variety Spessartite,	Macon.	
3599	Chrysolite, with Chromite,	Macon,	Lucas Mine.
3939	Chrysolite, with Chromite,	Mitchell,	Buchanan M.
442(?)	Epidote,		Me'klenb'g, Charlotte.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3771	Garnet, Var. Almandite,	Mitchell,	Cox's Mine.
3136	Garnets in Feldspar,	Mitchell,	Deake Mica M.

## CASE XLI.

3758	Garnet, var., Almandite,	Mitchell,	Cox's Mine.
3745	Amphibole, Var. Hornblende and Schist,	Mitchell,	Flat Rock.
3887	Enstatite, with Serpentine Chrysolite,	Jackson,	Webster.
3733	Wad, Manganese Dioxide on Quartz,	Mitchell,	N. Toe R. Ford.
4053	Chrysolite (with Talc and Chromite),	Macon,	E. of Franklin.
4005	Amphibole, Var. Hornblende Schist,	Person,	N. Woodsdale.
3717	Chrysolite (with Chrom. Iron),	Mitchell,	Mining Creek.
3793	Chrysolite,	Mitchell,	Mining Creek.
3691	Garnet, Variety Almandite,	Mitchell,	Pt. Pizzle M.
3684	Orthoclase, or Pot'sh Feldsp'r,	Mitchell,	N. Toe R. F'd.
3329	Manganese Iron G'rnet, Part- ly Altered to Limonite,	Burke.	
3757	Orthoclase (with Muscovite and Garnet),	Mitchell,	Presnel Mine.
3951	Amphibole, Var. Hornblende,	Mitchell,	Roan Mountain.
3736	Garnet, Var. Andradite,	Mitchell,	Young's.
4018	Labradorite,	Mitchell,	Cox's Mine.
3795	Chrysolite,	Mitchell,	Bakersville.
3906	Amphibole, Var. Hornblende,	Madison,	Marshall.
3710	Garnet, Var. Almandite,	Mitchell,	Buchanan's M.
3674	Amphibole, Var. Actinolite,	Mitchell,	Mining Creek.
3975	Tourmaline, with Quartz,	Moore,	Johnson's Mill.
3757	Orthoclase, (with Muscovite and Garnet),	Mitchell,	Presnel Mine.
3893	Amphibole, Var. Asbestos (with Talc),	Jackson,	Tenn. Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3722	Amphibole, Var. Tremolite (with Pyroxene),	Mitchell,	Mining Creek.
3810	Garnet, Var. Pyrope (with Albite, &c.,)	Mitchell,	Pt. Pizzle. M.
	Garnet, var. Andradite,	Macon,	Rocky Face.
3936	Mica Schist,	Mitchell,	Wiseman's. M.
4047	Albite, Soda Feldspar,	Macon,	Bryson Mine.
3862	Amphibole, Variety Horn- blende,	Jackson,	Webster.
3811	Orthoclase (Partly Altered),	Mitchell,	Flat Rock.
3916	Pyroxene, with Limestone,	Madison,	Bear Creek.
3817	Allanite, with Magnetite,	Mitchell,	Buc'an'n. M.
3946	Orthoclase, Potash Feldspar,	Mitchell,	Bailey Mica.
3827	Epidote,	Mitchell,	Miller's Gap.
3765	Albite (Soda Feldspar),	Mitchell,	Pt. Pizzle.
3859	Amphibole, Variety Tremo- lite (in Talc),	Jackson,	Webster.
3713	Amphibole, Var. Tremolite,	Mitchell,	Mining Creek.
3671	Amphibole, Variety Asbestos,	Mitchell,	Mining Creek.
3669	Amphibole, Var Actinolite,	Mitchell,	Mining Creek.
4426	Garnet, Variety Andradite,	Macon,	near Franklin.
3746	Epidote, with Hornblende,	Mitchell,	n'r Flat Rock.
4089	Chrysolite, (with Hematite),	Person,	Gillis Farm.
3577	Muscovite, with Biotite Mica,	Macon,	Lyle's Mine.
3718	Chrysolite,	Mitchell,	Mining Creek.
3755	Mica Schist, Garnet,	Mitchell,	Eagle Mica M.
3606	Garnet, Andradite, with Muscovite,	Macon,	Rick'gham, Richmond.
3756	Orthoclase (with Muscovite and Quartz),	Mitchell,	Bryson's M.
3867	Muscovite and Biotite,	Jackson,	Eagle Mine.
3749	Albite, Soda Feldspar,	Mitchell,	Whiteside Mt.
4002	Epidote,	Person,	Flat River.
3785	Orthoclase, Feldspar,	Mitchell,	Gillis Mine.
3766	Muscovite (with Albite),	Mitchell,	Flat Rock.
			Pt. Pizzle M.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4019	Labradorite (with Garnet and Muscovite)	Mitchell,	Cox Mine.
3896	Amphibole, V'r'ty H'nbl'de,	Jackson,	near Webster.
3763	Beryl, with Feldspar,	Mitchell,	Pt. Pizzle M.
3788	Orthoclase, Potash Feldspar,	Mitchell,	Flat Rock,
4023	Orthoclase (with Hematite),	Mitchell,	Cranberry.
3743	Amphibole Var. Asbestos,	Mitchell,	Bakersville.
3884	Chrysolite, with Bronzite,	Jackson,	Webster.
3953	Albite, Soda Feldspar,	Mitchell,	Deak Mine.
3826	Amphibole, var. Tremolite,	Mitchell,	N. Toe River.
3859	Amphibole Var. Tremolite,	Jackson,	Webster.
3885	Chrysolite, with Amphibole,	Jackson,	Webster.
3900	Garnet Var. Almandite,	Jackson,	Whiteside Mt.
3930	Amphibole Var. Hornblende,	McDowell,	Gillespie Gap.
3784	Mica Schist,	Mitchell,	Mica Mine.
3945	Garnet, Variety Spessartite,	Mitchell,	Wiseman Mine.
3764	Albite and garnet	Mitchell,	Pt. Pizzle M.
3865	Tourmaline,	Jackson,	Balsam Mt.
4404	Chrysolite (D'e'mp'd Partly),	Jackson,	Webster.
2687	Orthoclase (Partly Altered),	Mitchell,	Cook's Mine.
	Colored Mica, in Gneiss,	Vance,	Henderson.
3813	Albite, Soda Feldspar,	Mitchell,	Flat Rock M.
3861	Amphibole, Var. Tremolite,	Jackson,	Webster.
3686	Amphibole, Var. Tremolite,	Mitchell,	n'r Old Fields of Toe River.
3716	Quartz, Variety Chert.,	Mitchell,	Mining Creek.
3915	Amphibole, Var. Tremolite,	Madison,	Bear Creek.
3740	Rutile,	Mitchell,	H'd of Cane C.

## CASE XLII.

4444	Serpentine (Altered from Chrysolite),	Yancey,	near Young's.
4306	Talc, Var. Green Foliated,	Yancey,	Hampton's.
4556	Serpentine, Var. Chrysolite,	Yancey,	near Proffitt's.
3966	Prochlorite,	Montgom'y,	Steele Mine.
3988	Chrysocolla,	Person,	Gillis Mine.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3857	Kaolin,	Jackson,	Webster.
3794	Pyrophyllite (with Mus'v'e),	Mitchell,	Mining Creek.
4279	Talc (with Asbestos and Prochlorite),	Yancey,	Hampton's.
3402	Pyrophyllite,	Chatham,	Cane Creek.
4340	Pyrophyllite,	Chatham,	Persimmon Gr.
3737	Talc (with Chrysolite),	Mitchell,	Young's. S. Toe River.
3724	Serpentine (Decomposed),	Mitchell,	Mining Creek.
4091	Chrysocolla,	Person,	Gillis Mine.
3742	Prochlorite (with Talc),	Mitchell,	Young's.
3711	Talc, Variety Foliated,	Mitchell,	Mining Creek.
1248	Foliated Talc, Fire Stone,	Surry.	Mt. Airy.
4042	Prochlorite (with C'd'm, &c.),	Macon,	Jenks Mine.
4034	Culsageeite,	Macon,	Cor'd'm Hill.
4031	Prochlorite,	Macon,	Jenks Mine.
4551	Talc,	Yancey,	Proffitt's.
4325	Serpentine,	Buncombe,	near Asheville.
3323	Halloysite,	Burke,	n'r Bridgew'er.
4281	Penninite,	Yancey,	Hampton's.
3890	Talc, Maconite,	Jackson,	Webster.
3910	Penuinite,	Macon,	Cor'd'm Hill.
4077	Kaoliniite, Soapstone.	Madison,	n'r Hot Sprgs.
4111	Halloysite,	Montgom'y,	Uwharie Riv'r.
4032	Kerrite,	Surry,	Mt. Airy.
4137	Prochlorite,	Rocking'm,	ne'r Reidsville.
4295	Uraconite, or Uranochre,	Macon,	Cor'd'm Hill.
3240	Serpentine (with Calc Spar),	Stokes,	Dan River.
3333	Serpentine (with Picrolite),	Yancey.	S. Toe River.
4318	Genthite, with Chrysolite,	Anson,	Boggan's Cut.
4333	Jeffersite and Culsageeite, Titanic Iron, with Sepentine,	Caldwell,	Baker Mine.
3209	Foliated Talc,	Buncombe,	Big Ivy Creek.
		Buncombe,	near Asheville.
		Surry.	Mt. Airy.
		Alexander,	h'd of Snow C.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3224	Serpentine (with Calcite and Quartz),	Anson,	Boggan's Cut.
3308	Talc, Variety Soapstone,	Burke,	Brindlet'n R'd.
3202	Pyrophyllite, Bisilicate of Aluminum,	Alamance,	n'r Cane Creek.
3302	Prochlorite, Chlorite Schist,	Burke,	Brindletown.
4004	Talcose Argillyte,	McDowell,	Demming's.
4554	Greenish Fibrous Steatite,	Person,	near Gillis M.
3239	Serpentine,	Yancey,	near Proffitt's.
3356	Talc,	Anson,	Boggan's Cut.
4270	Hydro-Talcose Schist,	Caldwell,	King's Creek.
3491	Halloysite,	Yancey,	Ray's Mica M.
3342	Serpentine,	Forsyth,	Old Town.
3330	Serpentine, Var'ty Picrolite,	Caldwell,	Baker Mine.
3343	Serpentine, with Chrysolite, Soapstone,	Caldwell,	Baker Mine.
4303	Margarite, Serpentine, Halloysite,	Granville,	Bolling's Mt.
3232	Serpentine,	Yancey,	n'r Burnsville.
4386	Prochlorite,	Granville,	J. M. Heay's.
3382	T'lc (with Q'tz, Feldsp. &c.), Chloropal,	Wake,	Panther Br'ch.
4323	Prochlorite,	Anson,	Boggan's Cut.
3489	Halloysite,	Harnett,	n'r Buckhorn.
4088	Pyrophyllite,	Cabarrus,	McMakin M.
3201	Pyrophyllite, Actinolite.		Casar P. O.
4394	Damourite,	Buncombe,	Asheville.
3439	Foliated Talc, Steatite,	Forsyth,	Salem.
4375	Talc (Steatite) with Lim'nite, Kaolinite,	Randolph,	n'r Asheboro.
3499	Halloysite,	Alamance,	n'r Cane Creek.
3839	Damourite (with Tourm'line),	Surry,	Mt. Airy.
		Haywood,	n'r Waynes'le.
		Cherokee,	near Murphy.
		Clay,	Shooting Cr'k.
		Swain,	Bryson City.
		Forsyth,	near Winston.
		Iredell,	Bett's Bridge.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4370	Prochlorite,	Clay,	Buck Creek.
3347	Chlorite (Containing Iron),	Caldwell,	Richlands.
3411	Prochlorite or Chlorite,	Chatham,	Clegg's Mine.
4362	Serpentine,	Clay,	Buck Creek.
4521	Holloysite,	Wake,	Little River.
3940	Kaolinite,	Forsyth,	Old Town.

## DECK.

2144	Pyroxene,	Mitchell,	Cranberry M.
	Amphibole, Var. Hornblende,	Buncombe,	n'r Asheville.
2144	Allanite in Epidote, Feldspar and Pyroxene,	Mitchell,	Cranberry M.
4319	Chrysolite, with Quartz,	Buncombe,	n'r Asheville.
4410	Chrysolite, with Albite and Quartz,	Haywood,	Big Ridge M.
3268	Amphibole,	Buncombe,	N'r Asheville.
3345	Amphibole,	Caldwell,	King's Creek.
3444	Zoisite, a Lime Epidote,	Clay,	Buck Creek.
4264	Orthoclose,	Yancey,	Ray's Mica M.
3263	Cyanite,	Buncombe,	Swan'noa Gp.

## CASE XLII DECK.

3296	Tourmaline, (in quartz),	Burke,	Col. Mill's.
4313	Cyanite,	Buncombe,	Swan'noa Gap.
3355	Anthophyllite,	Caldwell,	King's Creek.
3264	Cyanite or Disthene,	Buncombe,	Swan'noa Gap.
3851	Genthite,	Jackson,	Webster.

## DECK OF CASE, XLII.

4480	Talc,	Jackson,	Cashier's Valley
3853	Genthite (in Chalcedony)	Jackson,	Webster.
3649	Culsageeite, with Prochlorite,	Macon,	Corundum Hill.
3660	Damourite,	Madison,	n'r Hot Sp'gs.
3934	Serpentine (Partly Altered,	Mitchell,	n'r Bakersville.
4038	Prochlorite (with Corundum, Spinel, &c.),	Macon,	Jenk's Mine.
3666	Pyrophyllite,	Mecklenb'g,	n'r David. Col.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4403	Talc,	Jackson,	Webster.
	Pyrophyllite,	Orange,	n'r Chapel Hill.
3933	Serpentine, with Tale,	Mitchell,	n'r Bakersville.
3702	Serpentine, Variety Picrolite,	Mitchell,	Cranberry.
3725	Tale, with Tremolite and Chrysolite,	Mitchell,	Minning Creek.
3980	Pyrophyllite,	Orange,	Aaron's Creek.
4140	Tale,	Surry,	n'r Dobson.

## HYDROUS SILICATES.

## CASE XLIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3852	Genthite, or Chrysolite (Part- ly Altered),	Jackson,	Webster.
3628	Prochlorite,	Macon,	Sugartown.
4401	Serpentine, with Genthite,	Jackson,	Webster.
3672	Serpentine,	Mitchell,	Mining Creek.
3653	Tale, Foliated,	Macon,	Gregory Hill.
3652	Prochlorite,	Macon,	Dr. Lucas Mine
4094	Kaolinite, lithomarge,	Rowan,	Salisbury.
3712	Penninite, with Foliated Tale,	Mitchell	Mining Creek.
3855	Deweylite,	Jackson,	Webster.
4040	Prochlorite, with Cullageeite,	Macon,	Jenk's Mine.
3643	Cullageeite, with Corundum,	Macon,	Dr. Lucas Mine.
3982	Kaolinite, Lithomarge,	Orange,	Chapel Hill.
3641	Prochlorite,	Macon,	Dr. Lucas Mine.
3891	Tale, Foliated,	Jackson,	Webster.
4035	Prochlorite and Decomposed Asbestos,	Macon,	Gregory Hill.
3683	Serpentine,	Mitchell,	Toe River.
3592	Tale, Steatite,	Macon,	Jarrett's.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4037	Prochlorite, with Corundum, Margarsdite,	Macon, Mitchell,	Jenk's Mine. Buch'n's Mine.
3639	Corundum, in Prochlorite,	Macon,	Dr. Lucas Mine.
3726	Serpentine,	Mitchell,	Mining Creek.
3619	Psilomelane,	Cherokee,	Red M'ble G'p.
4039	Prochlorite, with Corundum, Talcose Mica Schist,	Macon, Vance,	Jenk's. Kittrell's.
3920	Serpentine, Partly Decom- posed, with Magnetite,	Madison,	23 Miles from Asheville.
3647	Prochlorite, with Spinel,	Macon,	Dr. Lucas M'e.
4424	Prochlorite, &c.,	Macon,	Sugar Town.
4022	Deweylite, with Chrysolite, Partly Altered,	Mitchell,	n'r Bakersv'le.
3958	Prochlorite,	Mitchell,	14 Mi. B'k'sv'e.
4399	Prochlorite,	Jackson,	Tenn. Creek.
4086	Pyrophyllite,	Randolph,	Pilot Mt.
3850	Penninite, with Chromite,	Jackson,	Webster.
m. 3338	Fibrous Serpentine,	Caldwell,	N. W. Lenoir.
3935	S'ptine, Alt'd f'm Chry'lite,	Mitchell,	Bakersville.
4209	Prochlorite,	Watauga,	Elk River.
4436	Kaolinite, from Mica Schist,	Tr'sylvania,	F. Broad Riv'r.
3949	Prochlorite, Kaolin, Impure,	Mitchell, Vance,	W. Gil'pie G'p. Kittrell's.
3776	Serpentine,	Mitchell,	N. Toe River.
3927	Hydrotalcose Schist, Kaolin, Colored,	McDowell, Vance,	Gil'pie O. B'k. Townsville.
3919	Serpentine, Partly Dec'mp'd,	Madison,	n'r Asheville.
3854	Deweylite, Coat'g Chrysolite,	Jackson,	Webster.
3693	Samarskite,	Mitchell,	up Cane Cr'k.
3701	Columbite,	Mitchell,	Grassy Creek.
3741	Samarskite,	Mitchell,	Grassy Creek.
4250	Colu'brite in Fedspar and Q'tz,	Yancey,	R'y's Mi'a M'e.
	Samarskite,	Mitchell,	
m. 3386	Wolframite,	Cabarrus,	Crosby Mine.
4433	Phosphatic Nodules in Marl,	Onslow,	Richl'd T'ship.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3762	Apatite,	Mitchell,	Pt. Pizzle.
3812	Genthite.		
3772	Apatite,	Mitchell,	Cox Mine Near Pt. Pizzle.
4090	Calcite,	Person,	Gillis Mine.
3738	Columbite,	Mitchell,	S. Toe River.
3778	Apatite,	Mitchell,	Bakersville.
3472	Pyromorphite,	Davidson,	Silver Hill.
3616	Nitre, Potassium Nitrate,	Macon,	Nan'talah R'r.
3807	Apatite with Al'te and G'net,	Mitchell,	Pt. Pizzle.
4439	Autunite,	Yancey,	S. Toe River.
3474	Pyromorphite and Cerussite, Apatite,	Davidson, Granville,	Silver Hill. Bolling Mt.
3473	Pyromorphite,	Davidson,	Silver Hill.
3812	Autunite,	Mitchell,	Flat Rock.
3689	Apatite,	Mitchell,	Pt. Pizzle.

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## PHOSPHATES &amp;c.

## CASE XLIV.

Phosphatic Nodules in Lime-

stone Matrix, N Hanover, Castle Hayes.

Phosphatic Lime (Burned  
and Ground),

Pender, Rocky Point.

3504 Apatite (With Albite),

Mitchell, Pt. Pizzle.

Monazite,

Rutherford, Golden P. O.

Monazite,

Rutherford, Factory P. O.

4434 Phosphatic Nodules, in Lime-

stone Matix, Pender, Rocky Point.

Agricultural Lime,

Pender, Rocky Point.

H.B.4 Monazite, Mica Gneiss,

Cleveland, Near Shelby.

Monazite,

Cleveland, L. A. Gettys.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Monazite,	Cleveland,	L. A. Gettys.
	Monazite,	McDowell,	Demmings.
	Limestone,	Pender,	Rocky Point.
	Phosphatic Lime (Burned),	Pender,	Rocky Point.
2163.A.	Pegmatite,	Mitchell.	
3767	Apatite (with Albite,)	Mitchell,	Pt. Pizzle.
4411	Apatite (in Granite,)	Haywood,	Big Ride.
	Monazite,		Holly Bush.
	Monazite,	Rutherford,	Duncan P. O.
A.63	Monazite, Bearing Cyanite,	Cleveland,	Invester Mine.
3512	Barite, Heavy Spar,	Gaston,	King's Mt.
3664	Barite Heavy Spar,	Madison,	Sandy Bottom.
	Powdered Barite,	Madison,	Worm Springs.
3535	Barite, Heavy Spar,	Gaston,	King's Mt.
	Calcium Sulphate.		
4164	Malachite (in Granite),	Wake,	Raleigh,
	Barite,	Madison,	
4070	Calcite, in Limestone,	McDowell,	Marion.
4135	Calcite, Variety Crystalline		
	Limestone,	Stokes,	Near H'rst'n's.
3998	Malachite (in Slate),	Moore,	Near Jon'sb'ro.
3529	Barite, Heavy Spar,	Gaston,	Crowders Mt.
3659	Barite, Heavy Spar,	Madison,	Near Marshell.
3400	Calcite,	Chatham,	Clegg's Mine.
	Barite,	Gaston,	Gaston.
3358	C'lcite, Cr'st'lline Li'est'ne,	Catawba,	Near Hickory.
4471	Pi'k C'lcite (with Acti'lite),	Madison.	
3417	Calcite (Concretions in Clay),	Chatham,	Near Bynum's.
3238	Calcite Schistose Limestone,	Anson,	Boggans Cut.
4159	Calcite, Calcareous Nodules,	Vance,	N'r Hend'rson.
3926	Dolo'ite, Mag'esi'n Li'est'ne;	McDowell,	Yancey's M.
	Copper Ore, (Malachite,	Person),	Allensville.
4184	Calcite, Fibrous,	Wake,	Morrisville.
3996	Malac'ite (w'h Chrysoco'a),	Person,	Gillis Mine.
3215	C'l'te Calc Sp'r, Ic'l'nd Sp'r,	Alexander	Stony Point.
3220	Calcite, Cale Spar,	Anson,	Boggans Cut.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
3536	Dolomite, Calcium, Magnesium Carbonate,	Gaston,	King's Mt.
3997	Malachite, (with Quartz),	Person,	Gillis.
3925	Magnetite, Magnetic Iron Ore,	McDowell,	Peter's Cove.
3221	Calcite, Calc Spar,	Anson,	Boggans Cut.
4384	Malachite, Green Carbonate of Copper,	Granville,	Young's X R'd.
3241	Calcite, Calc Spar,	Anson.	Boggans Cut.
3967	Calcite, (with Pyroxene), Calcite,	Moore,	Cheek's.
3542	Calcareous Nodules,	Granville,	Shiloh Church.
3897	Magnetite, Magnetic Iron Ore,	Jackson,	Webster.
4070	Calcite,	McDowell,	Marion.
3368	Alunogen, Marble Dolomitic Limestone, Liderite,	Catawba,	Hickory.
		Moore,	Andersons Mt.
			Sanford.
3219	Calcite, Calc Spar,	Anson,	Boggan's Cut.
3362	Calcite, Granular Limestone,	Catawba,	Powell's Q.
3461	Calcite, Variety Calc Spar,	Columbus,	Nr. Whiteville.
3214	Calcite, Variety Calc Spar,	Alexander,	Stony Point.

## DECK OF CASE XLIII.

	Prochlorite with Asbestos,	Mitchell,	N. Toe River.
	Talcose Mica Schist,	Vance,	Kittrell.
	Talc, Containing Tremolite,	Mitchell,	Burnsville.
3635	Anthophyllite,	Macon,	Gregory Hill.
	Phosphate Nodules in Lime-stone,	Pender,	Castle Hayne.
M.3769	Apatite with Albite,	Mitchell,	Pt. Pizzle.

## DECK OF CASE XLIV.

4439	Autunite,	Yancey,	South Toe R.
3521	Barite,	Gaston,	Crowder's Mt.
3811	Barite,	Gaston,	Healing Sp'gs.
3990	Barite,	Orange,	Latta Mine.
4435	Barite,	Surry,	Elkin.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
4069	Calcite, Limestone,	McDowell,	Cedar Cove.
3222	Calcite,	Anson,	Boggan's Cut.
3223	Calcite, Calc Spar,	Anson,	Boggan's Cut.
3903	Calcite, Calc Spar, Calcite, Shell Limestone,	Madison,	Marshall.
3379	Rhrodochrosite, with Calcite,	N. Hanover,	Castle Hayne.
4101	Calcite, Shell Limestone,	Richmond,	near L. River.
3667	Siderite, with Quartz,	Meckl'n'b'rg,	Rudisil.
1423	Calcite Limestone,	McDowell,	Turkey Cove.
4146	Magnesite, Brunnerite in Talc,	Surry,	near Dobson.

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## MONAZITE.

IN LARGE GLASS JARS. ON DECK OF CASE XLIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 83	Tail'gs from Clean Up,	Cleveland,	Wellman M.
M. 1	Monazite (Gr'nish color) Low Grade Full of Black and White Sand,		Rutherford, Golden Valley.
A. 12	Monazite Low Grade, Much Garnet and Black Sand,	Cleveland,	Ledford Mine.
A. 72	Monazite,	Burke,	White B'k M.
B. 2	Monazite,	Gaston,	n'r King's Mt.
A. 88	Monazite,	Cleveland,	Lattimore M.
A. 39	Monazite, (Greenish Color),	Lincoln,	Thompson M.
A. B. 85	Monazite,	Cleveland,	Pearl P. O.
A. 90	Monazite,	Cleveland,	Fallston.
A. 41	Monazite,	Cleveland,	Peeler Mine.
w. 1	Monazite, (Cleaned Twice),	McDowell,	Jerry Walker's Mine.

## ON DECK OF CASE XLIV.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
A. 73	Monazite, (Fine Tailings),	Rutherford,	Price Mine.
A. 1	Monazite, (Coarse Concentrates),	Rutherford,	Price Mine.
A. 93	Monazite, (from Hill-Side Washing),	Cleveland,	Phifer Mine.
A. 86	Monazite Bearing Hill Side Dirt, .	Cleveland,	Phifer Mine.
c. 5	Monazite,	Cleveland,	Richard's Mine.
A. 80	Tailings,	Cleveland,	Richard's Mine.
A. 33	{ Sand, from Head of Sluice-Box,	Cleveland,	Richard's Mine.
A. 83		Cleveland,	Richard's Mine.
A. 36	Monazite Bearing Gravel,	Cleveland,	Richard's Mine.
A. 81	Monazite,(Cl'd with Magnet),	McDowell,	Whiten'r Mine.
A. 98	Monazite, (Uncleaned Before Treating with Magnet),	McDowell,	Whiten'r Mine.
A. 63	Monazite, Bearing Cyanite,	Cleveland,	Investor Mine.

## CASE XLV. TABLE.

Magnetite, 14x13x7 inches,	Mitchell,	Cranberry.
Chalcopyrite, 26x23x13 in.,	Davidson,	Conrad Hill.
Pyrite, 14x12x8 inches.		

## CASE XLVI. TABLE.

Gold, Free, in Q'tz, 21x15 in.,	Stanly,	Parker Mine.
Corundum, Massive Gray,		
24x17x18 inches,	Clay,	Buck Creek.
Cassiterite, 21x11x9 inches,	Gaston,	King's Mt.

## ON THE SIDES OF CASES VI. AND VII.

Phosphate Rock,	Duplin,	(On R'ht Side).
Shell Rock (in Block),		(On Left Side).
Soapstone (Slab),		(On Left Side).
Marble, Pink (two Slabs),	Macon,	(On Left Side).

## MEMORIAL :

To BOWERS Bros.,

Owners of "Bowers' Mica Mine," Macon Co.,

By their Mother, MRS. MARY L. BOWERS, Evanston, Ill.

The finest Crystal of Mica (Hexagon weighing 104 pounds),  
ever taken from the N. C. Mines. Value, \$600.

## MISCELLANEOUS SPECIMENS.

Quartz, Mass of Rock Crystals, Wake.

Quartz Crystal, Rock Crystal, 20x18, Ashe.

Cluster Staurotide Crystals, 11x8, Cherokee.

Suspended from Roof: Articulated.

Whale Skeleton, Right Whale, Length 46 Feet.

Killed at Beaufort.

On Pedestal:

Mounted Peafowl.

Transparencies Before Windows—

Swamp White Oak.

Mount Airy Granite Quarry.

Trucking near Newberne.

Castle Hayne Phosphate Mine.

Lattimore Monazite Mine.

Coast Scene, Drying Nets.

Sam Christian Placer Mine.

Nantahala Gorge.

Cranberry Iron Mine.

Limestone Bluff, French Broad River.

Cranberry.

Swannanoa River.

French Broad from Paint Rock.

Wrightsville Beach.

Macadam Road near Charlotte.

Cotton Steamers, Port of Wilmington.

Lincoln Lithia Springs.

Hickorynut Gap.

Richland Creek.

The Swannanoa.

**Maps and Pictures on the Wall :**

Geological Map of North Carolina, 12x5 Feet.

Four Framed Diplomas.

Graystone Quarries near Raleigh, Workings.

Graystone Quarries near Raleigh, Power House.

Mount Airy Granite Quarry.

Pot Hole Rapids, Tuckaseegee River.

Peter's Rock, near Hot Springs.

Fall Creek Cascades.

Long Shoal Bend, Little Tennessee River.

Seal of North Carolina, 2 Feet in Diameter.

Fall Creek Cascades.

Geological Map of North Carolina.

Map of N. C., Showing Location of Public Schools.



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MASSIVE TIMBERS AND PHOTOGRAPHS OF TREES  
IN FORESTRY ROOM.

CASES XLVII. LXII. INCLUSIVE.

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TIMBER SPECIMENS IN LARGE CASES AND PHOTOGRAPHS OF TIMBER TREES.

CASE XLVII.

Timber Specimens :

1 Post Oak, 3 Ft.,	<i>Quercus Minor,</i>	Lincoln.
2 White Oak, 3.5 Ft.,	<i>Quercus Alba,</i>	Yancey.
3 Chestnut Oak, 4 Ft.,	<i>Quercus Primus,</i>	Ashe.

Pictures :

1 Loblolly Bay, Tree,	Richmond.
2 Loblolly Bay, Bark,	Richmond.
3 Short Leaf Pine, Tree,	Stanly.
4 Short Leaf Pine, Bark,	Stanly.
5 Chipping Long Leaf Pine,	Moore.
6 Palmetto, Tree,	Brunswick.
7 Post Oak, Tree,	Cabarrus.
8 Post Oak, Bark,	Cabarrus.
9 Sweet Gum, Tree,	Lenoir.
10 Group of Chestnuts,	Graham.

CASE XLVIII.

Timber Specimens :

4 Swamp Chestnut Oak, 4 Ft.,	<i>Quercus Michauxii,</i>	Catawba.
5 Hop Hornbeam, 1 Ft.,	<i>Ostrya Virginiana,</i>	Orange.
6 Spanish Oak, 2.8 Ft.,	<i>Quercus Digitata,</i>	Guilford.
7 Scarlet Oak, 2.5 Ft.,	<i>Quercus Coccinea,</i>	Mecklenb'g.

Pictures :

11 Spanish Oak Tree,	Stokes.
12 Spanish Oak, Bark,	Stokes.
13 Hop Hornbeam, Tree,	Alamance.
14 Hop Hornbeam, Bark,	Alamance.
15 Live Oak, Tree,	Brunswick.
16 Live Oak, Bark,	Brunswick.

17	Yellow Poplar, Tree,	Macon.
18	Cypress, Tree,	Duplin.
19	Iroquois, Tree,	Sampson.
20	Ironwood, Bark,	Sampson.

## CASE XLIX.

## Timber Specimens :

8	Spanish Oak, 2.5 Ft.,	Quercus Digitata,	Cabarrus.
9	Fork Leaf Bl'k Jack, 1.2 Ft.,	Quercus Catesbaei	Cumberl'd.
10	Post Oak, 3.6 Ft.,	Quercus Minor,	Person.
11	Overcup Oak, 3 Ft.,	Quercus Lyrata.	Yadkin.

## Pictures :

21	Cypress,	Hyde.
22	Chestnut Oak, Tree,	Caldwell.
23	Upland Willow Oak, Tree,	Wayne.
24	Upland Willow Oak, Bark,	Wayne.
25	Northern Red Oak, Tree,	Alleghany.
26	Northern Red Oak, Bark,	Alleghany.
27	Service, Tree,	Watauga.
28	Service, Bark,	Watauga.
29	Hackberry, Tree,	Halifax.
30	Hackberry, Bark,	Halifax.

## CASE L.

## Timber Specimens :

12	Black Oak, 2 Ft.,	Quercus Velutina,	Union.
13	Winged Elm, 1.3 Ft.,	Ulmus Alata,	Mecklenb'g
14	Water Oak, 2.5 Ft.,	Quercus Nigra,	Jones.
15	Willow Oak, 2.8 Ft.,	Quercus Phellos,	Bladen.
16	Fork Leaf Black Jack, 1.5 Ft.	Quercus Catesbaei,	Bladen.

## Pictures :

31	Red Bay, Tree,	N. Hanover.
32	Red Bay, Bark,	N. Hanover.
33	Overcup Oak, Tree,	Anson.
34	White Bay, Tree,	Chowan.
35	Swamp Chestnut Oak, Tree,	Rowan.
36	Swamp Chestnut Oak, Bark,	Rowan.
37	White Oak, Tree,	Ashe.

38	White Oak, Bark,	Ashe.
39	Water Oak, Tree,	Nash.
40	Water Oak Bark,	Nash.

## CASE LI.

## Timber Specimens :

17	Live Oak, 2.3 Ft.,	Quercus Virginiana, New Han'r.
18	Laurel Oak, 2.8 Ft.,	Quercus Laurifalia, Brunswick.
19	Sourwood, 1.6 Ft.,	Oxydendron Arbo., Iredell.
20	White Elm, 3.8 Ft.,	Ulmus Alata, Columbus.

## Pictures :

41	House of Turpentine Hand,	Pender.
42	Load of Rosin,	Onslow.
43	Trunk of Yellow Poplar,	Swain.
44	Slippery Elm, Tree,	Wayne.
45	Veneer Works,	Sampson.
46	Beech and Maple Forest,	Jackson.
47	White Elm,	Edgecombe.
48	White Elm Bark,	Edgecombe.

## CASE LII.

## Timber Specimens :

21	Loblolly Pine, 3.9 Ft.,	Pinus Tæda, Bladen.
22	Scrub Pine, 1.2 Ft.,	Pinus Virgi'ana, Caldwell.
23	Red Cedar, 2.7 Ft.,	Juniperus V'gi'ana Carteret.
24	White Cedar, 2.6 Ft.,	Cham. Thyoides, Dare.

## Pictures :

49	Dam and Log Boom,	Columbus.
50	Loblolly Pine, Tree,	Halifax.
51	Red Cedar, Tree,	Carteret.
52	Red Cedar, Bark,	Carteret.
53	Cypress, Showing Roots,	Beaufort.
54	Valley of Loco,	Cherokee.
55	White Cedar, Tree,	Bladen.
56	White Cedar, Bark,	Bladen.

## CASE LIII.

Timber Specimens :

•25 White Cedar, 3.5 Ft.,	Cham. Thyoides,	Bladen.
26 Pond Pine, 2.6 Ft.,	Pinus Serotina,	Duplin.
27 Service Tree, 1.5 Ft.,	Amelanchier Can.,	Macon.
28 Sweet Gum, 3 Ft.,	Liquid. Styraci flua,	Pitt.

Pictures :

57 Palmetto, Tree,		Smith's Isl'd.
58 Palmetto, Bark,		Smith's Isl'd.
59 Lololly Pine, Tree,		Martin.
60 Lololly Pine, Bark,		Martin.
61 Pond Pine, Tree,		Craven.
62 Pond Pine, Bark,		Craven.
63 Pitch Pine, Tree,		Burke.
64 Pitch Pine, Bark,		Burke.
65 Lololly Pine, Tree,		Bladen.
66 Hemlock, Tree,		Mitchell.

Timber Specimens :

29 Hemlock, 3.6 Ft.,	Tsuga Canadensis,	Haywood.
30 Carolina Balsam, 2.3 Ft.,	Abies Fraseri,	Yancey.
31 Black Spruce, 2.7 Ft.	Picea Mariana,	Mitchell.
32 Mulberry, 2 Ft.,	Morus Rubra,	Davidson.

Pictures :

67 Tar Kiln Ready for Cribbing,		Robeson.
68. Hemlock,		Alleghany.
69 Scraping Turpentine,		Moore.
70 Dipping Turpentine,		Moore.
71 Collecting Turpentine,		Moore.
72 Dipping Turpentine,		M'ntg'mery.
73 Chipping in Turpentining,		M'ntg'mery.
74 Loading Rosin at the Still,		Richmond.
75 Black Spruce,		Yancey.
76 Long Leaf Pine,		Robeson.

## CASE LV.

## Timber Specimens :

33 Magnolia, 1.4 Ft.,	Magnolia Fœtida, Brunswick,
34 Cypress, 5 Ft.,	Cupressus Disticha, Columbus.
35 Sweet Gum, 4.1 Ft.,	Liq. Styraciflua, Sampson.

## Pictures :

77 Magnolia, Tree,	Brunswick.
78 Magnolia, Bark,	Brunswick.
80 Cypress, Tree,	Onslow.
81 Cypress, Bark,	Onslow.
82 Carolina Balsam, Tree,	Haywood.
83 Carolina Balsam, Bark,	Haywood.
84 Sweet Gum, Tree,	Pasquotank.
85 Sweet Gum, Tree,	Washington.
86 Sweet Gum, Bark,	Washington.
87 Group of Loblolly Pines,	Bladen.

## CASE LVI.

## Timber :

36 Red Heart Hickory, 2.7 Ft.,	Hicoria Odorata, Rowan.
37 Water Ash, 1.9 Ft.,	Fraxinus Carol'ana, Chowan.
38 Curly Ash, 1.8 Ft.,	Fraxinus Americ'a, Swain.
39 White Ash, 3.7 Ft.,	Fraxinus Americ'a, Mitchell.

## Pictures :

88 Butternnt Hickory, Tree,	Madison.
89 Butt'r'n't Hickory, Bark,	Madison.
90 Red H'rt Hickory, Tree,	Buncombe.
91 Red H'rt Hickory, Bark,	Buncombe.
92 Butt'r'n't Hickory, Tree,	Clay.
93 Butt'r'n't Hickory, Tree,	Caldwell.
94 Water Ash, Tree,	Beaufort.
95 Water Ash, Bark,	Beaufort.
96 White Ash, Tree,	Trans'v'a.
97 White Ash, Bark,	Trans'v'a.

## CASE LVII.

## Timber Specimens :

40	White Walnut, 2.5 Ft.,	Juglans Cinera,	Mitchell.
41	Shag B'k Hickory, 2.2 Ft.,	Hicoria Ovata,	Chatham.
42	Tupelo Gum, 2.7 Ft.,	Nyssa Uniflora,	Perquimans.
43	Black Gum, 3 Ft.,	Nyssa Sylvatica,	Caswell.

## Pictures :

98	White Walnut, Tree,		Mitchell.
99	White Walnut, Bark,		Mitchell.
100	Short Leaf Pine, Tree,		Franklin.
101	Loblolly Pine, Tree,		Wake.
102	Black Gum, Tree,		Watauga.
103	Black Gum, Bark,		Watauga.
104	Tupelo Gum, Tree,		Martin.
105	Tupelo Gum, Bark,		Martin.
106	Water Gum, Tree,		Jones.
107	Water Gum, Bark,		Jones.

## CASE LVIII.

## Timber Specimens :

44	Black Cherry, 3.1 Ft.,	Prunus Seratina,	Yancey.
45	Lin, 2.2 Ft.,	Tilia Heterophylla,	Henderson.
46	Cottonwood, 2 Ft.,	Populus Deltoides,	Sampson.
	Yellow Birch, 3 Ft.,	Betula Lenta,	Ashe.

## Pictures :

108	Group of Black Cherry Trees,		Mitchell.
109	Black Cherry, Tree,		Swain.
110	Black Cherry, Bark,		Swain.
111	River Birch, Tree,		Forsyth.
112	River Birch, Bark,		Forsyth.
113	Yellow Birch, Tree,		Alleghany.
114	Yellow Birch, Bark,		Alleghany.
115	Cottonwood, Tree,		Pender.
116	Cottonwood, Bark,		Pender.

## CASE LIX.

Timber Specimens :

47 Chestnut, 4 Ft.,	Castanea Dentata,	Ashe.
48 Red Maple, 3.2 Ft.,	Acer Rubrum,	Rutherford.
49 Sugar Maple, 3.2 Ft.,	Acer Barbatum,	Yancey.

Pictures :

117 Chestnut, Tree,		Jackson.
118 Chestnut, Bark,		Jackson.
119 Chestnut, Trunk,		Swain.
120 Chestnut, Tree,		Ashe.
121 Buckeye, Tree,		Macon.
122 Buckeye, Bark,		Macon.
123 Red Maple, Tree,		Alleghany.
124 Red Maple, Bark,		Alleghany.
125 Cucumber, Tree,		Buncombe.
126 Chestnut, Trunk,		Haywood.

## CASE LX.

Timber Specimens :

50 Cucumber, Tree, 4.6 Ft.,	Mag'ia Acuminata,	Cherokee.
51 Cucumber, Tree, 3.9 Ft.,	Mag'ia Acuminata,	Yancey.
52 Beech, 2.1 Ft.,	Fagus Latifolia,	Rutherford.

Pictures :

127 Cucumber, Tree,		Watanga.
128 Cucumber, Tree,		Watanga.
129 Chestnut, Tree,		Madison.
130 Beech, Tree,		Yancey.
131 Beech, Bark,		Yancey.
132 Turpentine Still,		Onslow.
133 Turpentine Still,		Duplin.
134 Turpentine Still,		Wayne.
135 Turpentine Still,		Sampson.

## CASE LXI.

Timber Specimens :

53 Yellow Locust, 2 Ft.,	Robinia Pseudacacia,	Haywood.
54 Sycamore, 4.2 Ft.,	Platanus Occidentalis,	Edgecombe.
55 Willow Poplar, 4.2 Ft.,	Liriodendron Tulipifera,	Ashe.

## Pictures:

136	Yellow Locust, Tree,	Rutherford.
137	Yellow Locust, Bark,	Rutherford.
138	Sycamore, Tree,	Pitt.
139	Sycamore, Bark,	Pitt.
140	Yellow Poplar, Tree,	Alleghany.
141	Yellow Poplar, Bark,	Alleghany.
142	Yellow Poplar, Tree,	Surry,
143	Chestnut, Tree,	Graham.
144	Group of Yellow Poplars,	Haywood.
145	Yellow Poplar, Trunk,	McDowell.

## CASE LXII.

## Timber Specimens:

56	Yellow Poplar, 3 Ft.,	Liriodendron Tulipifera,	Mitchell.
57	Holly, 1.3 Ft.,	Ilexapaca,	Onslow.
58	Palmetto, 1 Ft..	Sabal Palmetto,	Brunswick.
59	Loblolly Bay, 1 Ft.,	Gordonia Lasianthus,	Robeson.
60	Dogwood, 1.5 Ft.,	Cornus Florida,	Randolph.
61	Persimmon, 2 Ft.,	Diospyro's Virginiana,	Surry.

## Pictures:

146	Turpentine Industry, Old Still,	Sampson.
147	Rosin, in Barrels Awaiting Shipment.	Richmond.
148	Turpentine Still,	Moore.
149	Turpentine Still,	Montgom'y.
150	Dipping Turpentine,	Montgom'y.
151	Holly, Tree,	Duplin.
152	Holly, Bark,	Duplin.
153	Dogwood,	Rockingh'm.

## NATIVE WOODS,

IN WALL CASES IN FORESTRY ROOM.

## CASE LXIII.

- Curly Poplar, 5 Ft. and 7 Inch.  
 Curly Long Leaf Pine 2½ Ft. x 4 Inch (2 Spec.) Beaufort.  
 Curly Long Leaf Pine, 2x1 Ft., Dark Colored  
 (2 Spec.).  
 Curly Short Leaf Pine, 2 Ft. x 7 Inch.  
 Curly Long Leaf Pine, 2 Ft. x 7 In. Light Brown  
 (2 Spec.).  
 311 Long Leaf Pine, 24x5 Inch.  
 4 Pond Pine, 24x8 Inch, with Bark.  
 Yellow Buckeye, 24x8 Inch.  
 Section of Cork Oak with Bark, Bertie.  
 Bark of Cork Oak, Wayne.  
 324 Short Log (Yellow) Pine, 24x6 Inch.  
 299 Black Spruce, 24x6 Inch, with Bark.  
 336 Loblolly (Old Field Pine), 24x5 Inch.  
 Prickly Pine, 24x6 Inch.  
 White Pine, 24x5 Inch.  
 Long Leaf Pine, 24x5 Inch.  
 Hemlock (Spruce), 24x8 Inch.  
 Scrub Pine, 24x7 Inch.  
 290 Balsam, 24x5 Inch.  
 Snow Drop Tree, 24x4 Inch.  
 Viburnum Lentago, 24x3 Inch, Bald Mt.  
 Chinquepin, 24x4 Inch.  
 Service, 24x5 Inch.  
 Yellow Locust, 24x8 Inch.  
 Holly, 24x14 Inch.

Mountain Ash, 24x4 Inch.  
Buckeye, 24x7 Inch.  
Red Cedar, 24x7 Inch.  
Tupelo Gum, 24x4 Inch.  
Magnolia, 24x5 Inch.  
Yellow Birch, 24x5 Inch.  
Sweet Birch, 24x5 Inch.  
Buck, 24x5 Inch.  
Cucumber Tree, 24x8 Inch.  
Great Leaf Magnolia, 24x8 Inch.  
Wild Red Cherry, 24x4 Inch.  
Sugar Maple, 24x8 Inch.  
Mountain Magnolia, 24x9 Inch.  
Black Walnut, 24x8 Inch,  
Loblolly Pine, 24x10 Inch.  
White Pine, 24x10 Inch.  
Long Leaf Pine, 24x6 Inch.  
Hemlock, 24x8 Inch.  
Scrub Pine, 24x10 Inch.  
Carolina Balsam, 24x6 Inch.  
Hemlock, 24x8 Inch.

## CASE LXIV.

— 24x8 Inch.  
Yellowwood, 24x2 Inch.  
Green Dogwood, 24x2 Inch.  
Swamp Dogwood, 24x2 Inch.  
Buckwood, 24x2 Inch.  
Black Cherry, 24x7 Inch.  
Wild Red Cherry, 24x6 Inch.  
Black Willow, 24x10 Inch.  
Witch Hazel, 24x1½ Inch.  
Water Beech, 24x2½ Inch.  
Laurel, 24x3 Inch.  
Pignut, 12x4 Inch.  
Northern Red Oak, 12x9 Inch.  
Sugar Maple, 11x7 Inch.  
Beech, 24x9 Inch.

Cultivated Apple, 24x10 Inch.  
Yellow Locust, 24x8 Inch.  
Holly, 24x14 Inch.  
Mountain Ash, 24x4 Inch.  
Buckeye, 24x7 Inch.  
Red Cedar, 24x7 Inch.  
Tupelo Gum, 24x14 Inch.  
Magnolia, 24x5 Inch.  
Yellow Birch, 24x5 Inch.  
Sweet Birch, 24x5 Inch.  
Beech, 24x5 Inch.  
Cucumber Tree, 24x8 Inch.  
Great Leaf Magnolia, 24x8 Inch.  
Wild Red Cherry, 24x4 Inch.  
Sugar Maple, 24x8 Inch.  
Mountain Magnolia, 24x9 Inch.  
Black Walnut, 24x8 Inch.

## CASE LXV.

Water Oak, 10x5 Inch.  
Northern Red Oak, 10x4 Inch.  
Red Heart Hickory, 10x6 Inch.  
China Tree, 10x6 Inch.  
Buckeye, 10x6 Inch.  
Spanish Oak, 10x6 Inch.  
Black Oak, 10x5 Inch.  
Cucumber Tree, 10x6 Inch.  
Chestnut, 10x6 Inch.  
Curly Pine, 10x6 Inch.  
Weeping Willow, 10x7 Inch.  
Striped Maple, 24x3 Inch.  
Clove Tree, 24x10 Inch.  
Apple Wood, Curly, 24x7 Inch.  
Laurel, 24x4 Inch (2 Spec.).  
Laurel, 24x6 Inch.  
Cock Spur Thorn, 24x4 Inch.  
Wild Plum, 24x3 Inch.  
Chestnut, 24x5 Inch.

Wax Myrtle, 24x3 Inch.  
Shingle Oak, 24x8 Inch.  
Chestnut Oak, 24x6 Inch.  
Laurel Oak, 24x7 Inch.  
Spanish Oak, 24x6 Inch.  
Shag Bark Hickory, 24x8-6 Inch (5 Spec.).  
RedHeart Hickory, 24x6 Inch (2 Spec.).  
Northern Red Oak, 24x6-8 Inch (2 Spec.).  
Swamp White Oak, 24x10 Inch.  
Overcap Oak, 24x14 Inch.  
Live Oak, 24x10 Inch.  
Water Oak, 24x4 Inch.  
Black Jack Oak, 24x2½ Inch.  
Black Oak, 24x5 Inch.  
Willow Oak, 24x4 Inch.  
White Oak, 24x6 Inch.

## CASE LXVI.

Balm of Gilead Poplar, 24x7 Inch.  
Yellow Poplar, Curly, 20x18 Inch.  
Sweet Birch, 24x2 Inch.  
Yellow Birch, 24x2 Inch.  
Hop Hornbeam, 24x4 Inch.  
Yellow-wood, 24x16 Inch.  
Mountain Magnolia, 24x8 Inch.  
Wild Black Cherry, 24x11 Inch (2 Spec.).  
Black Walnut, 24x9-12 Inch (4 Spec.).  
Butternut, 24x9 Inch.  
Buckeye, 24x7 Inch.  
Sycamore, 24x4 Inch.  
Mulberry, 24x7 Inch.  
Sumac, 24x7 Inch.  
White Bay, 24x5 Inch.  
Honey Locust, 24x6 Inch.  
Yellow Locust, 24x7 Inch. (2 Spec.).  
Black Gum, 24x8 Inch.  
Service Tree, 24x5 Inch.  
Crab Apple, 24x9 Inch.

Cypress, 10x6 Inch.  
Yellow Poplar, Curly, 4ft.x12 Inch.  
Chestnut, 24x7 Inch.  
Sassafras, 24x8 Inch.  
Cypress, 24x8 Inch.  
Yellow Poplar, Curly, 16x3½ Inch.  
Laurel, Burl, Section.  
Dogwood, 24x7 Inch.  
Sourwood, 24x4 Inch.  
Chinquepin, 24x11 Inch.  
White Elm, 24x10 Inch.  
Yellow Birch, 24x5 Inch.  
Sweet Birch, 24x7 Inch.  
River Birch, 24x3 Inch.  
Sweet Birch, 24x8 Inch.  
Black Gum, 24x8 Inch.  
Holly, 24x11 Inch.  
Butternut, 24x9 Inch.  
Mountain Magnolia, 24x8 Inch.  
White Cedar, 24x14 Inch (2 Spec.).  
Cypress, 24x12 Inch.  
Water Ash, 24x6-10 Inch (2 Spec.).  
White Ash, 24x7 Inch.

## CASE LXVIII.

Black Cherry, 24x11 Inch.  
Silver Bell, 24x6 Inch.  
Hackberry, 24x11 Inch.  
Sweet Birch, 24x5 Inch.  
Sweet Birch, 16x7 Inch.  
Chestnut Oak, 16x7 Inch.  
Cucumber Tree, 24x7 Inch.  
Shagbark Hickory, 24x3½ Inch.  
Mountain Magnolia, 24x5 Inch.  
Buckeye, 24x6 Inch.  
White Bay, 24x3 Inch.  
Sourwood, 24x7 Inch.  
Service Tree, 24x7 Inch.

White Oak, 24x8 Inch.  
Lin, 24x6 Inch.  
Weeping Willow, 24x7 Inch.  
Buckeye, 24x7 Inch.  
Mountain Magnolia, 24x8 Inch.  
Red Maple, 24x13 Inch.  
Boxelder, 24x7 Inch.  
Cucumber Tree, 24x7 Inch.  
Coffee Tree, 24x13 Inch.  
White Ash, 18x7 Inch.  
Curled Chestnut Burl, 22x30 Inch.

## CASE LXIX.

Mountain Magnolia, 24x10 Inch.  
Cucumber Tree, 12x6 Inch.  
Wild Black Cherry, 24x12 Inch (3 Spec.)  
Silver Maple, 24x3 Inch.  
Laurel, 24x5 Inch.  
Yellow Poplar, Curly, 3x3x24 Inch.  
Wild Red Cherry, 24x5 Inch.  
Black Walnut, 24x8 Inch.  
Mulberry, 24x8 Inch.  
Cucumber Tree, 24x7 Inch.  
Black Gum, 24x7 Inch.  
Snow Drop, 24x7 Inch (2 Spec.)  
Black Walnut, 24x6 Inch.  
Mountain Magnolia, 24x4 Inch.  
Red Oak, 24x9 Inch.  
Snow Drop Tree, 24x10 Inch.  
White Ash, 24x10 Inch.  
Curly Hard Wood, 24x8 Inch.  
Yellow Poplar, 24x14 Inch.  
Holly, 24x14 Inch.  
White ——, 24x8 Inch.  
Yellow Poplar, Curly, 14x4 (2 Spec.)  
Black Walnut, 10x6 Inch. (2 Spec.).  
Black Cherry, 10x5 Inch.

White Walnut, 10x6 Inch.  
Black Gum, 10x7 Inch. (2 Spec.).  
White Pine, 10x7 Inch. (2 Spec.).  
Hemlock, 10x7 Inch.  
Carolina White Ash, 10x6 Inch.  
Laurel, 12x7 Inch. (5 Spec.).  
Yellow Birch, 10x7 Inch.  
Scrub Pine, 10x6 Inch.  
Wild Red Cherry, 12x5 Inch.  
Black Cherry, 10x8 Inch.  
Sweet Gum, 10x4 Inch.  
Sweet Birch, 10x5 Inch.  
Birch, 10x5 Inch. (2 Spec.).  
Post Oak, 10x4 Inch.  
Balsam, 10x5 Inch.  
Sycamore, 10x5 Inch.  
White Oak, 10x5 Inch.  
Weeping Willow, 12x6 Inch.  
White Ash, 12x6 Inch.  
Yellow Locust, 12x7 Inch. (3 Spec.).  
Snow Drop Tree, 10x5 Inch. (3 Spec.).  
Lin, 10x6 Inch.  
Silver Maple, 10x5 Inch.  
Striped Maple, 12x3 Inch.  
Carolina Hemlock, 10x5 Inch.  
Sourwood, 10x5 Inch.  
Yellow Birch, 10x6 Inch.  
Sweet Birch, 12x6 Inch. (2 Spec.).  
Chestnut, 10x5 Inch.  
Hickory, 10x5 Inch.  
Service, 10x5 Inch.  
Thorn, 10x5 Inch.  
Crab Apple, 10x7 Inch.  
Live Oak, 14x8 Inch.

## MEDICINAL PLANTS IN LARGE GLASS JARS.

## CASE LXX.

<i>Acorus Calamus,</i>	Calamus.
<i>Ricinus Communis,</i>	Castor Oil Plant.
<i>Iris Versicolor,</i>	Large Blue Flag.
<i>Aristolochia Serpentaria,</i>	
<i>Aralia Nudicaulis.</i>	
<i>Chenopodium Anthelminticum.</i>	
<i>Liquidamber Styraciflua,</i>	Sweet Gum.
<i>Hyssopus Officinalis,</i>	Hyssop.
<i>Polytrichum Juniperum.</i>	
<i>Osmorrhiza Longistylis,</i>	Sweet Cicely.
<i>Verbena Hastata.</i>	
<i>Ipomoea Pandurata.</i>	
<i>Onosmodium Virginianum.</i>	
<i>Triosteum Perfoliatum.</i>	
<i>Pyrus Malus.</i>	
<i>Nymphaea Odorata.</i>	
<i>Eupatorium Perfoliatum.</i>	
<i>Delphinium Consolida.</i>	
<i>Sarracenia Flava.</i>	
<i>Fagus Ferruginea.</i>	
<i>Aspidium Felix Foemina.</i>	
<i>Convallaria Racemosa.</i>	
<i>Calycanthus Floridus.</i>	
<i>Amygdalus Persica.</i>	
<i>Ricinus Communis.</i>	
<i>Gillenia Trifoliata.</i>	
<i>Prunus Serotina.</i>	
<i>Veronica Officinalis.</i>	
<i>Cynoglossum Virginicum.</i>	
<i>Taraxacum Dens-Leonis.</i>	
<i>Negundo Aceroides.</i>	

- Saponaria Officinalis.  
Viburnum Prunifolium.  
Angelica Atropurpura.  
Hamamelis Virginica.  
Gentiana Catesbaei.  
Gelsemium Semperfivens.  
Tilia Americana.  
Hamamelis Virginica.  
Celastrus Scandens.  
Myrica Cerifera.  
Cornus Florida.  
Comptonia Asplenifolia.  
Apocynum Cannabium.  
Daucus Carota.  
Kalmia Latifolia.  
Daucus Carota.  
Pinus Strobus.  
Ailanthus Glandulosus.  
Baptisia Tinctoria.  
Silphium Perfoliatum.  
Hepatica Triloba.  
Helianthus Annuus.  
Acer Rubrum.  
Sinapis Nigra.  
Melia Azedarach.  
Pyrola Rotundifolia.  
Prunus Virginiana.  
Sassafras Officinale.  
Uvularia Perfoliata.  
Oxydendron Aboreum.  
Mitella Cardifolia.  
Papaver Somniferum.  
Solanum Carolinense.  
Spiraea Tomentosa.  
Elephantopus Tomentosus  
Sambucus Canadensis.  
Fraxinus Americana.

Pterocaulon Pycnostachyum.	
Stigmata of Maize.	
Equisetum Hyemale,	Scouring Rush.
Ligustrum Vulgare,	Privet.
Phytolacca Decandra,	Poke Berry.
Heuchera Americana,	Alum Root.
Liquidamber Styraciflua,	Sweet Gum.
Satureja Hortensis,	Satureja.
Castanea Vesca,	Chestnut.
Rhus Glabra,	Sumach.
Sarrothamnus Scoparius.	
Chimaphila Maculata,	Lipsissowa.
Eupatorium Purpureum,	Queen of the Meadow.
Parthenium Integerrifolium,	Parthenium.
Coriandrum Sativum.	
Rubus Strigosus,	Wild Raspberry.
Datura Stramonium,	Jamestown Weed.
Solanum Carolinense,	Horse Nettle.
Saponaria Officinalis,	Soapwort.
Magnolia Acuminata,	Cucumber Tree.
Ilex Opaca,	Holly.
Salvia Officinalis,	Sage.
Rhododendron Maximum,	Great Laurel.
Lycopus Europaeus,	Horehound.
Artemisia Absinthium,	Wormwood.
Gaultheria Procumbens,	Creeping Wintergreen.
Eupatorium Perfoliatum,	Boneset.
Kalmia Angustifolia,	Wicky.
Viscum Flavescens,	European Mistletoe.
Antennaria Plantaginifolia,	Plantain Everlasting.
Asparagus Officinalis,	Asparagus.
Sinapis Alba.	White Mustard.
Salix Nigra,	Black Willow.
Aralia Spinosa,	Spikenard.
Erigeron Philadelphicum,	Fleabane.
Pine Oil.	
Sassafras Oil.	

Sassafras Oil.	
Pennyroyal Oil.	
Aralia Quinquefolia,	Ginseng.
Hydrangea Arborescens,	Wild Hydrangea.
Nyssa Uniflora,	Tupelo.
Viburnum Prunifolium,	Black Haw.
Verbena Urticifolia,	White Vervain.
Ocimum Basilicum.	
Morus Rubra,	Black Mulberry.
Capsicum,	Red Pepper.
Viola Pedata,	Bird's Foot Violet.
Gentiana Quinqueflora,	Blue Gentian.
Lindera Benzoin,	Allspice.
Gossypium Herbaceum,	Cotton.
Salvia Sclarea,	Clary.

## CASE LXXI.

Gaultheria Procumbens,	Creeping Wint'rgreen.
Sanicula Marilandica,	Sanicle.
Lobelia Syphilitica,	Blue Lobelia.
Aster Puniceus,	Aster.
Rhus Glabra,	Sumast.
Artemisia Vulgaris,	Common Mugwort.
Uvularia Perfoliata,	Bellwort.
Rumex Crispus,	Yellow Dock.
Calamintha Nepeta,	Catnip.
Adiantum Pedatum,	Maiden's Hair Fern.
Gnaphalium Polycephalum,	Everlasting.
Asarum Canadense,	Wild Ginger.
Sassafras Officinale,	Sassafras.
Sambucus Canadensis,	Elder.
Veratrum Viride,	White Hellebore.
Ceanothus Americanus,	Red Root.
Urtica Dioica,	Nettle.
Gossypium Herbaceum,	Cotton.
Melissa Officinalis,	Common Balm.
Foeniculum Vulgare,	Dog Fennel.
Althaea Alba,	Altheæ.

<i>Rubus Ordoratus,</i>	Flowering Raspberry.
<i>Dioscorea Villosa,</i>	Wild Yam.
<i>Asclepias Incarnata,</i>	Swamp Milkweed.
<i>Fragaria Vesca,</i>	Strawberry.
<i>Cynoglossum Officinalis,</i>	Hound's Tongue.
<i>Nabalus Fraseri,</i>	Gall of the Earth.
<i>Lobelia Inflata,</i>	Indian Tobacco.
<i>Agrimonia Eupatoria,</i>	Agrimony.
<i>Heracleum Lanatum,</i>	Cow Parsnip.
<i>Oxalis Acetosella,</i>	Wood Sorrel.
<i>Cunila Mariana,</i>	Dittany.
<i>Liatris Spicata,</i>	Blazing Star.
<i>Rosa Gallica,</i>	Rose.
<i>Ilex Glabra,</i>	Gall Berry.
<i>Liatris Ordoratissima,</i>	Deer Tongue.
<i>Xanthium Spinosum,</i>	Spiny Cocklebur.
<i>Corallorrhiza Multiflora,</i>	Lily of the Valley.
<i>Satureja Hartensis,</i>	Satureja.
<i>Datura Stramonium,</i>	Jamestown Weed.
<i>Rosa Centifolia,</i>	Rose.
<i>Polygonum Punctatum,</i>	Knot Weed.
<i>Leonurus Cardiaca,</i>	Motherwort.
<i>Lappa Officinalia,</i>	Burdock.
<i>Ambrosia Artemisiæfolia,</i>	Roman Wormwood.
<i>Lindera Benzoin,</i>	Carolina Allspice.
<i>Euonymus Americanus,</i>	Strawberry Bush.
<i>Menispermum Canadense,</i>	Moonseed.
<i>Symplocarpus Foetidus,</i>	Skunk Cabbage.
<i>Polygala Nuttalii,</i>	Milkwort.
<i>Senecio Aureus,</i>	Golden Ragwort.
<i>Ptelia Trifoliata,</i>	Hoptree.
<i>Stylosanthes Elatior,</i>	Pencil Flower.
<i>Petroselinum Sativum,</i>	Parsley.
<i>Prunus Serotina,</i>	Wild Black Cherry.
<i>Cornus Florida,</i>	Flowering Dogwood.
<i>Cucurbita Citrullus,</i>	Watermelon.
<i>Papaver Somniferum,</i>	Opium Poppy.

<i>Chelone Glabra,</i>	Snake Head.
<i>Inula Helenium,</i>	Elecampane.
<i>Sarracenia Purpurea,</i>	Huntsman's Cup.
<i>Lycopodium Complanatum,</i>	Clubmoss.
<i>Spiraea Tomentosa,</i>	Hardhack.
<i>Collinsonia Canadensis,</i>	Horse Balm.
<i>Baptisia Tinctoria,</i>	Wild Indigo.
<i>Rhus Glabra,</i>	Smooth Sumach.
<i>Xanthoxylum Carolinianum,</i>	Prickly Ashe.
<i>Trillium erectum,</i>	Wake Robin.
<i>Hibiscus Moscheutos,</i>	Swamp Rose Mallow.
<i>Smilax Pseudochina,</i>	China Root.
<i>Quercus Tinctoria,</i>	Black Oak.
<i>Amygdalis Persica,</i>	Peach.
<i>Lappa Officinalis,</i>	Burdock.
<i>Alnus Rubra,</i>	Red Alder.
<i>Quercus Alba,</i>	White Oak.
<i>Viola Cucullata,</i>	Blue Violet.
<i>Erythronium Americanum,</i>	Dog Tooth Violet.
<i>Verbena Urcitifolia,</i>	White Vervain.
<i>Artemisia Abrotinum,</i>	Southernwood.
<i>Passiflora Incarnata,</i>	Passion Flower.
<i>Thymus Vulgaris,</i>	Thyme.
<i>Prunus Serotina,</i>	Wild Black Cherry.
<i>Lycopus Virginicus,</i>	Bugle Weed.
<i>Sanguinaria Canadensis,</i>	Blood Root.
<i>Typha Latifolia,</i>	Cat Tail.
<i>Aquilegia Vulgaris,</i>	Columbine.
<i>Aspidium Felix-mas,</i>	Male Fern.
<i>Goodyera Pubescens,</i>	Rattlesnake Plantain.
<i>Passiflora Incarnata,</i>	Passion Flower.
<i>Acorus Calamus,</i>	Calamus.
<i>Marrubium Vulgare,</i>	Horehound.
<i>Arisaema Triphyllum,</i>	Indian Turnip.
<i>Gelsemium Sempervirens,</i>	Yellow Jessamine.
<i>Mentha Piperita,</i>	Peppermint.
<i>Buxus Sempervirens,</i>	Boxwood.

<i>Cucurbita Citrullus,</i>	Watermelon.
<i>Sambucus Canadensis,</i>	Elder.
<i>Ptelea Trifoliata,</i>	Hop Tree.
<i>Taraxicum Deus-leonis,</i>	Dandelion.
<i>Datura Stramonium,</i>	Jamestown Weed.
<i>Vitis Vinifera,</i>	Grape.
<i>Verbascum Thapsus,</i>	Mullein.
<i>Populus Tremuloides,</i>	Aspen.
<i>Plantago Major,</i>	Plantain.
<i>Monarda Fistulosa,</i>	Wild Bergamot.
<i>Hieracium Venosum,</i>	Hawkweed.
<i>Castanea Vesca,</i>	Chestnut.
<i>Cochlearia Armoracia,</i>	Horseradish.
<i>Sarracenia Purpurea,</i>	Huntsman's Cups.
<i>Monarda Didyma,</i>	Bee-balm.
<i>Betula Lenta,</i>	Sweet Birch.
<i>Euonymus Americanus,</i>	Strawberry Bush.
<i>Thymus Vulgaris,</i>	Thyme.
<i>Kalmia Latifolia,</i>	Laurel.
<i>Lobelia Cardinalis,</i>	Cardinal Flower.
<i>Lappa Officinalis,</i>	Burdock.
<i>Galax Aphylla,</i>	Colt's Foot.
<i>Corallorrhiza Odontorhiza,</i>	Coral Root.
<i>Liatris Squarrosa,</i>	Blazing Star.
<i>Monotropa Uniflora,</i>	Indian Pipe.
<i>Punica Granatum,</i>	Pomegranate.
<i>Leucanthemum Vulgare,</i>	Ox Eye Daisy.
<i>Ceanothus Americanus,</i>	Red Root.
<i>Ailanthus Glandulosus,</i>	Tree of Heaven.
<i>Viburnum Dentatum,</i>	Arrowwood.
<i>Ilex Verticillata,</i>	Winterberry.
<i>Larix Americana,</i>	Larch.
<i>Acorus Calamus,</i>	Calamus.
<i>Trifolium Pratense,</i>	Red Clover.
<i>Heracleum Lanatum,</i>	Cow Parsnip.
<i>Chenopodium Anthelminticum,</i>	Wormseed.
<i>Fraxinus Sambucifolia,</i>	Black Ash.

<i>Elephantopus Tomentosus,</i>	Elephant's Foot.
<i>Juglans Cinerea,</i>	Butternut.
<i>Arum Virginicum,</i>	Arron-arum.
<i>Cirsium Arvense,</i>	Canada Thistle.
<i>Oenothera Biennis,</i>	Evening Primrose.
<i>Nuphar Advena,</i>	Yellow Pond Lily.
<i>Brunella Vulgaris,</i>	Allheal.
<i>Euonymus Americanus,</i>	Strawberry.
<i>Juglans Nigra,</i>	Black Walnut.
<i>Hedeoma Pulegioides,</i>	Pennyroyal.
<i>Aralia Spinosa,</i>	Spikenard.
<i>Anethum Graveolens.</i>	
<i>Asimina Triloba,</i>	Papaw.
<i>Nepeta Cataria,</i>	Catnip.
<i>Potentilla Canadensis,</i>	Cinque Foil.
<i>Cornus Florida,</i>	Flowering Dogwood.
<i>Ilex Verticillata,</i>	Winterberry.
<i>Gentiana Ochroleuca,</i>	Yellowish Gentian.
<i>Verbena Hastata,</i>	Blue Vervain.
<i>Populus Candicans,</i>	Balm of Gilead, Poplar.
<i>Gordonia Lasianthus,</i>	Red Bay.
<i>Tephrosia Spicata,</i>	Goat's Rue.
<i>Polymnia Uvedalia,</i>	Leaf-Cup.
<i>Helenium Autumnale,</i>	Sneeze Weed.
<i>Lindera Benzoin,</i>	Carolina Allspice.
<i>Iris Versicolor,</i>	Large Blue Flag.
<i>Rubus Villosus,</i>	Blackberry.
<i>Cercis Canadensis,</i>	Rebdud.
<i>Chionanthus Virginica,</i>	Fringe-tree.
<i>Scutellaria Lateriflora,</i>	Mad-dog Scullecap.
<i>Quercus Rubra,</i>	Red Oak.
<i>Aralia Racemosa,</i>	Spikenard.
<i>Calendula Officinalis.</i>	
<i>Pteris Aquilina,</i>	Brake.
<i>Eupatorium Aromaticum,</i>	White Snake Root.
<i>Asarum Virginicum,</i>	Indian Turnip.
<i>Althaea Rosea,</i>	Althaea.

<i>Fraxinus Americana,</i>	White Ash.
<i>Ulmus Fulva,</i>	Slippery Elm.
<i>Eupatorium Ageratoides,</i>	White Snake Root.
<i>Sabbatia Elliottii,</i>	Sabbatia.
<i>Cnicus Benedictus,</i>	Blessed Thistle.
<i>Angelica Atropurpurea,</i>	Angelica.
<i>Eupatorium purpureum,</i>	Trumpet weed.
<i>Achillea Ageratum,</i>	Yarrow.
<i>Mitchella repens,</i>	Partridge Berry.
<i>Stillingia Sylvatica,</i>	Queen's Delight.
<i>Thuja Occidentalis,</i>	Arborvitae.
<i>Penthorum Sidoidies,</i>	Ditch Stone Crop.
<i>Carya Amara,</i>	Bitternut (Hickory).
<i>Calendula Officinalis.</i>	
<i>Salix Nigra,</i>	Black Willow.
<i>Euphorbia Hypercifolia,</i>	Spurge.
<i>Orobanche Virginiana,</i>	Broom-rape.
<i>Xanthorrhiza Apiifolia,</i>	Yellowroot.
<i>Fagus Ferruginea,</i>	Beech.
<i>Osmunda Regalis,</i>	Cinnamon Fern.
<i>Asarum Canadense,</i>	Wild Ginger.
<i>Lycoperdum Solidum,</i>	Puff Ball.
<i>Rumex Acetosella,</i>	Sheep Sorrel.
<i>Ustilago Maydis,</i>	Indian Corn Smut.
<i>Rhus Toxicodendron,</i>	Poison Ivy.
<i>Serophularia Nodosa,</i>	Fig Wort.
<i>Phytolacca Decandra,</i>	Pokeberry.
<i>Pycnanthemum Montanum,</i>	Mountain Mint.
<i>Amarantus Hypochondriacus,</i>	Red Amaranth.
<i>Rhus Glabra,</i>	Smooth Sumach.
<i>Maruta Cotula,</i>	Mayweed.
<i>Liriodendron tulipifera,</i>	Tulip Tree.
<i>Robina pseudacacia,</i>	Yellow Locust.
<i>Ceanothus Americanus,</i>	Red Root.
<i>Bidens Connata,</i>	Swamp Beggar Tick.
<i>Juniperus Virginiana,</i>	Red Cedar.
<i>Mentha Piperita,</i>	Peppermint.

<i>Impatiens Pallida,</i>	Touch Me Not.
<i>Opuntia Vulgaris,</i>	Prickly Pear.
<i>Polypodium Vulgare,</i>	Polypod.
<i>Phytolacca Decandra,</i>	Pokeberry.
<i>Potentilla Canadensis,</i>	Cinque Foil.
<i>Petroselinum Sativum,</i>	Caraway.
<i>Juglans Cinerea,</i>	Butternut.
<i>Convallaria Multiflora,</i>	Lily of the Valley.
<i>Hedeoma Pulegioides,</i>	Pennyroyal.
<i>Ruta Graveolens,</i>	Rue.
<i>Papaver Somniferum,</i>	Opium Poppy.
<i>Juniperus Virginiana,</i>	Red Cedar.
<i>Cucurbita Pepo,</i>	Gourd.
<i>Rubus Villosum,</i>	Blackberry.
<i>Polygonum Persicaria,</i>	Lady's Thumb.
<i>Polymnia Uvedalia,</i>	Leaf Cup.
<i>Botrychium Lunaria,</i>	Moonwort.
<i>Tanacetum Vulgare,</i>	Tansy.
<i>Asclepias Syriaca,</i>	Milkweed.
<i>Petroselinum Sativum,</i>	Caraway.
<i>Trifolium Repens,</i>	White Clover.
<i>Eryngium Aquaticum,</i>	Button—Snake Root.
<i>Cornus Circinata,</i>	Round-leaved Cornel.
<i>Erigeron Canadensis,</i>	Horseweed.
<i>Xanthoxylum Carolinianum,</i>	Prickly Ash.
<i>Podophyllum Peltatum,</i>	May Apple.
<i>Epilobium Coloratum,</i>	Willow Herb.
<i>Cephalanthus Occidentalis,</i>	Buttonbush.
<i>Solanum Carolinense,</i>	Horse Nettle.
<i>Polygala Senega,</i>	Senega Snakeroot.
<i>Cimicifuga Racemosa,</i>	Rattle-top.
<i>Salix Alba,</i>	White Willow.
<i>Solidago Odora,</i>	Scented Goldenrod.
<i>Nepeta Cataria,</i>	Catnip.
<i>Galium Aparine,</i>	Bedstraw.
<i>Amygdalis Persica,</i>	Peach.
<i>Cantophyllum Thalictroides,</i>	Blue Cohosh.

Trifolium Pratense,	Red Clover.
Anthemis Nobilis,	Garden Chamomile.
Daucus Carota,	Carrot.
Æsculus Pavia,	Buckeye.
Cypripedium Pubescens,	Yellow Lady's Slipper.
Lactuca Sativa,	Lettuce.
Solanum Carolinense,	Horsenettle.
Ilex Opaca,	Holly.
Asclepias Tuberosa,	Pleurisy Root.
Lobelia Inflata,	Indian Tobacco.
Corydalis Formosa,	Coridalis.
Hydrastis Canadensis,	Yellow Puccoon.
Sarracenia Flava,	Trumpets.
Amelanchier Quinquefolia,	Virginia Creeper.
Aletris Farinosa,	Star Grass,
Vaccinium Crassifolium,	Creeping Huckleberry.
Sabbatia Angularis,	Sabbatia.
Tilia Americana,	Lin or Basswood.
Plantago Major,	Plantain.
Cornus Sericea,	Silky Cornel.
Symplocarpus Fœtidus,	Skunk Cabbage.
Cornus Florida,	Flowering Dogweed.
Erechtites Hieracifolia,	Fireweed.
Maruta Cotula,	Mayweed.
Leucanthemum Parthenium,	Ox-eye Daisy.
Cochlearia Armoracia,	Horseradish.
Diospyros Virginiana,	Persimmon.
Rudbeckia Lacinata,	Cone-flower.
Nepeta Cataria,	Catnip.
Helonias Disica,	Helonias.
Sanguinaria Canadensis,	Bloodroot.
Rumex Crispus,	Curled Dock.
Gossypium Herbaceum,	Cotton.
Trillium Cernuum,	Wake Robin.
Gentiana Quinqueflora,	Blue Gentian.
Asarum Canadense,	Wild Ginger.
Malva Rotundifolia,	Common Mallow.

Iris Cristata,	Small Blue Flag.
Aquilegia Vulgaris,	Columbine.
Galium Circaeans,	Wild Liquorice.
Achillea Millefolium,	Mill Foil.
Lactuca Elongata,	Wild Lettuce.
Parthenium Integrifolium,	Parthenium.
Juniperus Virginiana,	Red Cedar.
Sabal serrulata,	Saw Palmetto.
Delphinium Consolida,	Larkspur.
Allium Sativum,	Onion.
Aplectrum Hiemale,	Puttyroot.
Lobelia Inflata,	Indian Tobacco.
Tila Americana,	Lin or Basswood.

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MISCELLANEOUS SPECIMENS ON AND AGAINST WALL  
OF FORESTRY ROOM.

Pine Rosin of all Grades,	N. Hanover, Wilmington.
Long Leaf Pine,	Wake, n'r Holly Sp's.
Black Spruce (Picture).	
Model Canoe, Used by Alaska Indians, Presented, from	Alaska.
First Atlantic Cable, Laid in 1858, Present'd by Mrs. Ellen Mordecai.	
Steel Turning from Car Wheel,	R. & G., R.R. Shops, Raleigh,
Curly Poplar.	
Outhouses of Turpentine Hands (Picture).	
N. C. Cypress board, 36 inch. wide.	
Wood Pulp for Making Paper,	New Bern.
Pine Fibre Matting.	Wilmington.

Cypress Knee.	
Mountain Ivy.	
Fragments of Statue of Washington, by Canova, Made in Rome 1820, Cost \$38,000, was destroyed by burning of State Capital, 1831.	
White Cedar, (Picture).	
Cypress (Picture).	
Holly (Picture).	
Red Cedar (Picture).	
Cucumber Tree (Picture).	
Loblolly Pine (Picture).	
Black Gum (Picture).	
Cypress (Picture).	
White Oak (Picture),	near Forrestville.
Sweet Gum (Picture).	
White Oak (Picture),	Wake, Raleigh.
Chestnut (Picture).	
Palmetto,	Brunswick, Smith's Island.
Curly Poplar (Specimen).	
Curly Poplar (Specimen).	
Curly Poplar (Specimen).	
Turpentine Still (Picture).	
Grandfather Mt. and Surrounding Forest (Picture).	
Yellow Poplar (Picture).	
Water Oak (Picture).	
Indian Birch-bark Canoe. Presented by A. E. Shepherd, Erie, Penn.	

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WORLD'S COLUMBIAN EXPOSITION DIPLOMAS  
AWARDED TO:

- (1) State of N. C. for Collection of Woods, Photographs and Maps.
- (2) J. A. Gill, Wake Forest, for Lint Cotton.
- (3) State of N. C. for Spanish Peanuts.
- (4) State of N. C. for Collection of Fertilizers.

## GALLERY OF FORESTRY ROOM.

MISCELLANEOUS COLLECTION OF TERTIARY AND (—) FOSSILS AND  
FOREIGN PRODUCTS.

## CASES LXXIII TO LXXXVII INCLUSIVE.

## CASE LXXIII,.

Seventy-nine Bunches of Leaf Tobacco Grown and Cured in North Carolina.

## CASE LXXIV.

Cartridge Box Used in Revolutionary War.

Bear Grass, Leaf and Fibre.

Pine Straw Fibre, 3 Bottles.

Three Tusks of Wild Hogs.

Samples of Cotton, in Bottles, from Different Counties.

Seven Samples of Yarn manufactured in North Carolina.

## CASE LXXV.

One Hundred and Six (Tertiary) Fossil Bones or Pieces of Bones of Vertebrates.

A Lower Jaw, with Teeth, of Mastodon.

## CASE LXXVI.

Cones and Masses of Cones of the Pines and Spruces of North Carolina.

Fossil Bones, Excluding Teeth, of Vertebrates, 45 Specimens.

Fossil Sharks' Teeth, 4 Boxes of Small Teeth, from  $\frac{1}{2}$  to 1 Inch.

Forty-Two Fossil Sharks' Teeth, 1 to  $\frac{1}{2}$  Inches in Length.

Thirteen Fossil Shells, over 2 Inches in Diameter.

Forty-Nine Lithological Specimens from Various Localities.

To the Left of Case LXXV., Three Large Whale Vertebræ, Each 1 Ft. in Diameter.

## CASE LXXVII.

Twelve Small Bottles, 3½ Inches Long, Containing Different Kinds of Sand.

Seven Specimens (or Masses of Specimens) of Quartenary Fossils, Imbedded in Lime Rock or Forming Lime Rock.

Twenty Specimens of Fossil Wood.

Seven Specimens of Fossil Mastodon Teeth.

Nine Specimens of Clam, Conch and Oyster Shells.

Six Whale Vertebrae, 4 to 9 Inches in Diameter.

One Eagle Skin.

Two Specimens of Coal.

Tree Boxes of Small Univalve Shells.

## CASE LXXVIII.

Eight Shelves Filled with Univalve and Bivalve Shells, Tertiary Fossils.

## CASE LXXIX.

Five Shelves Filled with Tertiary Fossil Shells.

Sixteen Jars of Chemical Mineral Compounds, Chiefly Oxides and Carbonates Used in the Arts.

Mass of River Phosphate from South Carolina.

Earthenware Bowl, with Figures on it 7 Inches in Diameter.

## CASE LXXX.

Seven Shelves of Indian Relics.

## CASE LXXXI.

Mineralogical Specimens from Foreign Countries.

Commercial Chemical Compounds for Use in the Arts.

## CASE LXXXII.

Meteorites and Meteoric Iron and Lithological Specimens.

## CASE LXXXIII.

Eight Shelves of Lithological, Chiefly Granites and Gneiss, and Mineralogical Specimens.

## CASE LXXXIV.

Eight Shelves of Mineralogical Specimens, Chiefly Ores of Economic Metals.

## CASE LXXXV.

Jute, Crude Fibre.

Jute, Shredded Fibre in Different Degrees of Fineness.

Jute, Spun Fibre Into Warps.

Jute, Spun Fibre, Yarns, Seven Hanks.

Jute, Six Specimens of Burlap and Sacking.

Tobacco in Leaf, from :

Syria,	Turkey,	Macedonia.
Porto Rico,	Egypt,	Hungary,
Germany,	Netherlands,	Arabia,
Greece,	Latakia,	China,
Paraguay,	Algeria.	

Three Hundred and Fifty-Six Specimens, in Bottles, Representing the Resources and Products of China.

One Hundred and Sixty Specimens, in Bottles, Representing the Resources and Products of Egypt.

## CASE LXXXVI.

Forty-Nine Specimens, in Bottles, Representing the Resources and Products of Spain.

Twenty-One Specimens, in Bottles, Representing the Products and Resources of Queensland.

Eight Specimens, in Bottles, Representing the Products of Algiers.

Twenty Specimens, in Bottles, Representing the Products of the Bahama Islands.

Eight Specimens, Representing the Products of Portugal.

One Hundred and Eighteen Specimens, in Bottles, Representing the Products of Tasmania.

Twenty Specimens, in Bottles, Representing the Products of Mexico, and Four Bundles of Fibre.

Foreign Cotton in Sixteen Large Bottles.

## CASE LXXXVII.

Three Hundred and Forty-Two Specimens, in Bottles, Representing the Resources and Products of Russia.

Three Hundred and Sixty Specimens, in Bottles, Showing the Products and Resources of Italy.

Foreign Cotton in Twenty-One Large Jars.

## AGRICULTURAL EXHIBIT.

CASES LXXXVIII TO CVII, INCLUSIVE.

## GRAIN.

## CASE LXXXVIII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1059	Black Oats,	Bertie,	Aulander.
1034	White Winter Oats,	Jackson,	Balsam.
116 s.	Oat Heads,	Mitchell,	Cranberry.
376	Red-Rust Proof Oats,	Bertie,	Windsor.
853	Winter Oats,	Wake,	Raleigh.
68	Red Peas,	Moore,	Jonesboro.
1020 h.	Red Rust-Proof Oats,	M'klenb'rg,	Pineville.
12	White Oats,	Catawba,	Newton.
394	Peas,	Wayne,	Mt. Olive.
968	Red Rust-Proof Oats,	Wilson,	Elm City.
241	Crowder Peas,	Halifax,	Tillery.
119	Spring Oats,	Onslow,	Richland.
600 s.	Clay Peas,	Lincoln,	Lincolnton.
290 s.	Black Oats,	Edgecombe,	Tarboro.
505	Red Rust-Proof Oats,	Columbus,	Whiteville.
438	Red Winter Oats,	Rock'gham,	Douglass.
181	May Oats,	Burke,	Morganton.
176	White Oats,	Burke,	Bridgewater.
1081	Clay Peas,	Davie,	Augusta.
37	Red Rust-Proof Oats,	Rowan,	Salisbury.
371	Clay Peas,	Madison,	Ivey.
309	Gay Winter Oats,	Stokes,	Saxon.
710	Clay Peas,	Cherokee,	Andrews.
44	Clay Peas,	Davidson,	Linwood.
719	Smith Winter Oats,	Chowan,	Ciseo.
506 s.	Clay Bank Peas,	Pender,	Rocky Point.
349	White Spring Oats,	Robeson,	Maxton.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
315	Rust-Proof Oats,	Duplin,	Warsaw.
1007	Clay Peas,	Henderson,	Edneyville.
54	Rust Proof Oats,	Chatham,	Goldston.
145	Clay Peas,	Burke,	Bridgewater.
11	Oats,	Catawba,	Newton.
121	Peas,	Pender,	Castle Hayne.
939	Rust-Proof Oats,	Robeson,	Maxton.
587	Black Winter Oats,	Lenoir,	Falling Creek.
320	Watkins' Black Oats,	Stanly,	Shankle.
1154	Winter Oats,	Halifax,	Medoc.
334	Black Oats,	Robeson,	Maxton.
922	Black Oats,	Nash,	Rocky Mt.
179	Rust-Proof Oats,	Bertie,	Chesterfield.
941	Black Oats,	Surry,	Edwardsville.
2023	Mammoth White Corn,	Rowan,	Salisbury.
1250	Mammoth Corn,	Alamance,	Haw River.
693 e.	Corn,	Martin,	Williamston.
20 e.	Robinson Imperial Corn,	Catawba,	Hickory.
204 e.	White Edmund Field Corn,	Alamance,	Burlington.
196 s.	Stock Corn,	Chatham,	Linwood.
1050 e.	Yellow Corn,	Lenoir,	LaGrange.
1040	Golden Corn,	Rock'gham,	Mayfield.
1164 e.	Corn,	Watauga,	Blowing Rock.

## NATIVE FRUIT IN JARS, IN BACK OF CASE LXXXVIII.

Delaware Grapes,	Wake,	Raleigh.
Brighton Grapes,	Wake,	Raleigh.
Delaware Grapes,	Wake,	Raleigh.
Concord Grapes,	Wake,	Raleigh.
Bartlett Pears,		Lumberton.
Concord Grapes,	Wake,	Raleigh.
Le Conte Pears,		Lumberton.
Delaware Grapes,	Wake,	Raleigh.
Norton Virg'a Wine Grapes,	Cumb'r'lnd,	Fayetteville.
Pears,		Lumberton.

NO.	SPECIMEN.	COUNTY.	LOCATION.
	Pears (Bartlett and Vicar of Wakefield),		Lumberton.
	Pears,		Chimney Rock.
	Norton, Va., Wine Grapes,	Cumb'rldn,	Fayetteville.
	Br'ton and Del'w're Grapes,	Wake,	Raleigh.
	Pears (Bartlett, Kiefer and Lawrence),		Lumberton.
	Pears,	Cumb'rldn,	Fayetteville.
	Kiefer Pears,	Cumb'rldn,	Fayetteville.
	Niagara Grapes,	Wake,	Raleigh.
	Ben Davis Apple,		Canton.

## GRAIN.

## LXXXIX.

157	Early Yellow Barley, Rye.	Alamance,	Burlington.
668	Large White Rye,	Ashe,	Idlewilde.
151	Black Rye,	Burke,	Bridgewater.
385	Rye,	Wayne,	Mt. Olive.
305	Gray Rye,	Stokes,	Saxon.
184	Rye, Rice.	Burke,	Morganton.
331	Rye,	Robeson,	Maxton.
749	Mountain Rye,	Henderson,	Fletcher.
512	White Rice,	Pender,	Rocky Pt.
330	Rice,	Robeson,	Maxton.
1078	Winter Rye,	Yancey,	Micaville.
352	Rye,	Robeson,	Maxton.
973	Pearl Rice,	Perquimans,	Necander.
1281	Barley,	Henderson,	H'nd'rsonville.
588	Rye,	Lenoir,	Falling Creek.
576	Black Rye, Rice.	Cumb'rland,	Fayetteville.
771	Rough Rice,	Edgecombe,	Tarboro.
228	Black Rye,	Burke,	Bridgewater.
895	Rye,	Surry,	Edwardsville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
516 s.	Rice,	Lincoln,	Lincolnton.
844	Red Rye,	Catawba,	Newton.
909	Rice in Sheaf,	Wayne,	Mt. Olive.
504	Unhulled Rice,	Columbus,	Clarkton.
461	White Rye,	Madison,	Ivey.
1037	Rye,	Jackson,	Balsam.
537	Japan Rice,	Craven,	Clark.
1235	Rye,	Guilford,	Central.
988	Rice,	Duplin,	Magnolia.
1044	Upland Rice,	Lenoir,	Lagrange.
709	White Rye,	Cherokee.	Andrews.
220	Black Rye,	Burke,	Morganton.
162	Barley,	Burke,	Brigdewater.
899	Rye,	Haywood,	Sanona.
1148	White Rye,	Rutherford,	Rutherfordton.
346	Rye,	Robeson,	Maxton.
515	Black Rye,	Lincoln,	Lincolnton.
357	Rye,	Robeson.	Maxton.
1241	Barley,	Henderson,	Bo'm'n's Bluff.
322	Rye,	Chatham,	Egypt.
690	Large White Corn, Corn.	Craven,	Clark.
1067 s.	Big White Corn, Yellow Corn.	Person,	Cunningham.
381	Corn,	Stokes,	Saxon.
66 s.	Corn,	Moore,	Jonesboro.
799 s.	Cabin Home Corn, White Corn.	Rowan,	Harts.
370 e.	Common Field Corn,	Halifax,	Weldon.

## NATIVE FRUIT IN JARS BACK OF CASE LXXXIX.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
<b>Pears.</b>			
	Kiefer Pears,	Cumberl'd,	Fayetteville.
	Pears,	Cumberl'd,	Fayetteville.
	Concord Grapes,	Wake,	Raleigh.
	Le Conte Pears,	Cumberl'd,	Fayetteville.
	Kiefer Pears,	Cumberl'd,	Fayetteville.
	Pears,	Cumberl'd,	Fayetteville.
	Ives Seedling Grape,	Cumberl'd,	Fayetteville.
	Scuppernong Grape,	Pitt,	Greenville.
<b>Sorghum.</b>			
	Amber Queen Grape,	Wake,	Raleigh.
	James Grape,	Pitt,	Greenville.
	Moore's Diamond Grapes,	Wake,	Raleigh.
	Niagara Grapes,	Wake,	Raleigh.
	The Duchess Grapes,	Wake,	Raleigh.
	Bartlett Pears,		Lumberton.
	Hoover Apple,		Canton.
	Winesap Apple,		Canton.

## SORGHUM.

## CASE XC.

450	Sorghum,	Stokes,	Saxon.
1098	Sorghum,	Davie,	Augusta.
448	Sorghum,	Moore,	Rise.
811	Early Orange Sorghum,	Chatham,	Pittsboro.
872	Orange Amber Sorghum,	Gaston,	Mt. Holly.
871	Orange Amber Sorghum,	Robeson,	Antioch.
677	Sorghum,	Person,	Winstead.
478	Sorghum,	Gates,	Gatesville.
870	Sorghum,	Robeson,	Antioch.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1015	Orange Amber Sorghum,	Henderson,	Edneyville.
687	Sorghum.	Caldwell,	Yadkin Valley.
636	Red Top Sorghum,	Caldwell,	Upton.
905	Early Amber Sorghum,	Henderson,	Maxwell.
501	Red Top Sorghum,	Columbus,	Whiteville.
814	Sorghum,	Robson,	Maxton.
694	Sorghum,	Wake,	Wakefield.
289	Goose Neck Sorghum,	Union,	Lainer Creek.
885	Amber Sorghum,	Vance,	Henderson.
451	Early Amber Sorghum,	Bertie,	Windsor.
1122	Sorghum,	Yancey,	Burnsville.
796	Early Orange Sorghum,	Duplin,	Xenia.
625	Sorghum,	Burke,	Bridgewater.
568	Sorghum,	Bertie,	Coleraine.
293	Sprangle Top Sorghum,	Mecklenb'g,	Pineville.
721	Early Orange Sorghum,	Pitt,	Farmville.
1277	Sorghum,	Johnston,	Smithfield.
707	Coleman Sorghum,	Martin,	Williamston.
288	Kansas Orange Sorghum,	Union,	Tainer Creek.
752	Sorghum,	Haywood,	Waynesville.
296	Red Sorghum,	Cleveland,	Knob Creek.
1063	Coleman Sorghum,	Rowan,	Harts.
1029	Early Amber Sorghum,	Moore,	Euphronia.
934	Sorghum,	Nash,	Rocky Mt.
873	Sorghum,	Gaston,	Mt. Holly.
1132	Red Sorghum,	Rutherford,	Darlington.
514	Red Top Sorghum,	Lincoln,	Lincolnton.
1254	Orange Sorghum,	Randolph,	Liberty.
90	Early Orange Sorghum Cane,	Rowan,	Salisbury.
982	Folger's Early Sorghum,	Alamance,	Elon College.
805	German Sorghum,	Pamlico,	Stonewall.
1030	Sorghum,	Moore,	Euphronia.
999	Early Orange Sorghum,	Harnett,	Winslow.

## GRAIN.

## CASE XCII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1001.s } 1002.E }	Gourd seed corn,	Harnett,	Winslow.
422.E } 375.s }	Conscience Corn,	Union,	Rushing.
611.s } 610.E }	Early Gentry Corn,	Durham,	Durham.
1027.E } 1026.s }	Corn,	Moore,	Euphonia.
750.E } 740.s }	Big White Corn,	Henderson,	Fletcher.
878.s } 877.E }	Hickory King Corn,	Gaston,	Mt. Holly.
475.s } 474.E }	Corn,	Gates,	Willeyton.
430.s } 435.E }	Corn,	Craven,	Ft. Barnwell.
125. } 214.E }	Corn,	Pasquotank,	Elizabeth City.
110.E } 110.s }	Yellow Corn,	Rowan,	Salisbury.
87.E } 71.s }	Anthony Corn,	Randolph,	Trinity College
581	Corn,	Cumberland,	Fayetteville.
961	Martin Corn,	Forsythe,	Daisy.
67	Gourd Seed Corn,	Harnett,	Lillington.
1151	Gourd Seed Corn,	Rutherford,	Rutherfordton.
700.E } 650.s }	Currituck Corn,	Caldwell,	Upton.
271.s } 265.E }	White Corn,	Stanly,	Shankle.
368.E	Corn, (Red Stock),	Halifax,	Weldon,
1272.s } 1271.E }	Peterson White Corn,	Johnson,	Smithfield.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1223.	Corn,	Alamance,	Haw River.
1224.s			
869.E	Gourd Seed Corn,	Robeson,	Antioch.
863.s			
125	Hickory King Corn,	Pasquotank,	Elizabeth City.
1108.s	White Corn,	Davie,	Augusta.
1107.E			
23.s.E	Golden Yellow Corn,	Catawba,	Hickory.
670.s	New River Corn,	Ashe,	Idlewilde.
669.E			
765.	Corn,	Halifax,	Scotland Neck.
766.E			
264.s	Monow's Improved Corn,	Meckl'n'b'rg,	Pineville.
278.E			
1166.s	Corn,	Gaston,	Mt. Holly.
1165.E			
465.s	Yellow Corn,	Edgecombe,	Rocky Mt.
469.E			
83.E	Corn,	Halifax,	Medoc.
70.s			
959.E	Corn,	Forsyth,	Rural Hall.
950.s			
407.	Speckled Corn,	Tyrrell,	Columbia.
411.E			
233.s	Big White Corn,	Halifax,	Tilleny.
209.E			
25.s.E	Corn,	Catawba,	Newton.
583.s	Amber Flint Corn.	Lenoir,	Falling Creek
586.E			
	Corn.		
	Corn.		
	Corn.		
	Corn,	Edgecombe,	Rocky Mt.
75.s	Corn,	Halifax,	Weldon.
86.E			
1101.	Corn,	Davie,	Augusta
1110.E			

## TOBACCO.

## CASE XCII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Cutting Leaf,	Vance,	Henderson.
	Fine Cutter,	Vance,	Middleburg.
	Bright Mahogany Wrapper,	Vance,	Henderson.
	Fine Smoker,		Dabney.
	Fine Wrapper,	Vance,	Henderson.
	Wrapper,		Middleburg.
	Wrapper,		Williamsboro.
	Smoker,	Vance,	Henderson.
	White Wrapper,	Vance,	Henderson.
	Dark Mahogany Wrappers,	Stokes,	J. H. Lawrencee.
	Dark Mahogany Wrappers,	Vance,	J. H. Lawrencee.
	Dark Mahogany Wrappers,	Vance,	Henderson.
	Fine Wrapper,	Vance,	Epsom.
	Dark Mahogany Fillers,	Stokes,	R. W. George.
	Dark Mahogany Fillers,	Rock'gham,	Reidsville.

## GRAIN.

## CASE XCIII.

812	White Corn, Corn. Corn.	Robeson,	Maxton.
1185	Clover Seed (White), Corn. Corn. Corn.	Franklin,	Louisburg.
1240	Wheat,	Henderson,	B'wm'n's Bluff.
1060	May Wheat,	Bertie,	Alexander.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1255	Toppahannock Wheat,	Lincoln,	Lincolnton.
1233	Wheat,	Guilford,	Central.
585	Purple Stalk Wheat,	Lenoir,	Falling Creek.
945	Red May Wheat,	Lincoln,	Machpelah.
1201	Rye, Flax Seed.	Franklin,	Louisburg.
148	Silver Hull Buckwheat, Corn.	Alamance,	Burlington.
1126	Golden Hull Buckwheat,	Yancey,	Burnsville.
1293	Flax Seed,	Watauga,	Sugar Grove.
1199	English Rye Grass Seed,	Franklin,	Louisburg.
1282	Grey Oats,	Iredell,	Statesville.
851	White Winter Oats,	Catawba,	Newton.
377	Virginia Gray Oats,	Davidson,	Liuwood.
330	Black Rust Proof Oats,	Robeson,	Maxton.
49	White Winter Oats,	Iredell,	Snow Creek.
48	Winter Oats,	Orange,	Oaks,
45	Rust Proof Oats,	Davidson,	Linwood.
1180	Fescue Seed (Fall),	Franklin,	Louisburg.
28	Fulcaster Wheat,	Rowan,	Salisbury.
1003	Fulcaster Wheat,	Harnett,	Bordaysville.
923	Wheat,	Edgecombe,	Tarboro.
115	Pool Red Winter Wheat, Wheat.	Forsyth,	Lewisville.
153	Hard Red Top Grass Seed,	Alamance,	Burlington.
89-53s.	White Spring Oats,	Sampson,	Newton Grove.
950 s. } 950 E. }	Corn,	Richmond,	Laurinburg.
1189	Grass Seed (English Rye),	Franklin,	Louisburg.
340	Red Rust Proof Oats,	Moore,	Goldston.
1196	Crested Grass Seed,	Franklin,	Louisburg.
1231	White Corn,	Alamance,	Haw River.
658	Rice in Sheaf,	Pitt,	Bethel.

## COTTON.

## CASE XCIV.

Cotton Lint.

909s.	} Lint Cotton,	Halifax,	Scotland Neck.
910L.		Robeson,	Antioch.
864s.	Cotton,		
540B.	} Peterkin Cotton,	Greene,	Shine.
521L.			
	Lint Cotton.		
	Lint Cotton.		
965	Lint Cotton,	Wilson,	Elm City.
322L.	} Allen Long Staple Cotton,	M'ckl'n'b'rg,	Danants.
231s.			
404s.	} Cook's Long Staple Cotton,	Davidson,	Linwood.
413L.			
343	Zephyr Cotton,	Robeson,	Maxton.
	Cotton Lint.		
	Cotton Lint.		
592s.	} Peerless Cotton,	Lenoir,	Falling Creek.
590L.			
	Cotton Lint.		
	Cotton Lint.		
996B.	Peterkin Cotton,	Harnett,	Winslow.
569s.	Williams Cotton,	Bertie,	Coleraine.
	Cotton Lint.		
	Cotton Lint.		
	Cotton Lint.		
524L.	Little Mammoth Cotton,	Lincoln,	Lineolnton.
	Cotton Lint.		
	Lint Cotton.		
	Lint Cotton.		
	Lint Cotton.		
590	} Cotton Balls,	Lenoir,	Falling Creek.
605			
	Lint Cotton.		
	Lint Cotton.		

NO.	SPECIMEN.	COUNTY.	LOCALITY.
Lint Cotton.			
342	Texas Wool Cotton,	Richmond,	John Station.
405	} Cotton,	Davidson,	Linwood.
413			
644	Big Ball Cotton,	Pender,	Rocky Point.
543	Cotton Balls,	Buncombe,	Iron Creek.
477	b. Cotton,	Gates,	Willeyton.
644	} Lint Cotton,	Pender,	Rocky Point.
645			
406	s. Web Cotton,	Greene,	Fieldsboro.
	Lint Cotton.		
427	l. Short Staple Cotton,	Beaufort,	Washington.
428	s. Pet Cotton,	Union,	Rushing.
433	s. Southern Hope Cotton,	Craven,	Bellair.
96	b. Large Boll Mammoth Cotton,	Rutherford,	Rutherfordton.
126	} Lint Cotton, Polk, Clover.		
230			

## GRAIN AND COTTON.

## CASE XCV.

791	s. Texas Wool Cotton,	Duplin,	Xenia.
735	Gourd Seed Corn,	Richmond,	Conclave.
817	Fulcaster Winter Wheat,	Macon,	Franklin.
530	b. Dixon Cotton,	Catawba,	Newton.
1077	Wheat,	Yancey,	Micaville.
122	Prolific Corn,	Pender,	Castle Hayne.
1144	l. Peterkin Cotton,	Wake.	
892	s. Rough Rice,	Pitt,	John'n's Mills.
177	Fulcaster Wheat,	Burke,	Chambers.
479	l. Beauty Cotton,	Brünswick,	Shallotte.
164	Golden Millet Seed,	Alamance,	Burlington.
491	l. Mountain Cotton,	Stokes,	Wilson's Store.
1256	Bowding Wheat,	Lincoln,	Rupsville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
613	Rice,	Wayne,	Mount Olive.
681	Fultz Wheat,	Person,	Winstead.
94 L.	Pedican Cotton,	North'pton,	Jackson.
16	Red Clover Seed,	Catawba,	Newton.
161	Golden Green Hops,	Alamance,	Burlington.
250	Red Clover Seed,		Linwood.
284 s.	Dixon Cotton, Wheat.	Mecklenb'g,	Pineville.
139	Rust-proof Oats,	Wake,	Raleigh.
737	Upland Rice,	Pitt,	Farmville.
815 s.	Sea Island Cotton, Wheat.	Robeson,	Maxton.
	Wheat.		
358	Upland Rice,	Richmond,	Laurinburg.
810	White Spring Oats,	Chatham,	Pittsboro.
1065	Rice,	Pitt.	
1247	Mixed Wheat,	Randolph,	Liberty.
741 b.	Cotton,	Warren,	Creek.
1217	Red Clover Seed,	Alamance,	Haw River.
280 L.	Doran Cotton,	Washingt'n,	Creswell.
112 {	Harvest King Wheat.		
1 {			
646	Rice,	Edgecombe,	Mildred.
629 L.	Wilborns Pet Cotton,	Mecklenb'g,	Charlotte.
579	Welcome Oats,	Cumb'r'lnd,	Fayetteville.
971	Upland Rice,	Lenoir,	LaGrange.
81	Rust-proof Wheat,	Stokes.	
1250	Rice,	Lincoln,	Lincolnton.
859	Rust Oats,	Wake,	Raleigh.
500 L.	{ High Prolific Cotton,	Columbus,	Whiteville.
535 s.	{		

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GRAIN.

## CASE XCVI.

1073	Sunflower Seed,	Yancey,	Micaville.
1232	Clay Peas,	Alamance,	Haw River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
926 s.	Coffee Peas,	Nash,	Rocky Mt.
1005	Southdown Peas,	Harnett,	Winslow.
651	Black Peas,	Caldwell,	Upton.
429 s.	Cow Peas,	Craven,	Bellair.
666	Sunflower Seed,	Madison,	Marshall.
769	Kaffir Corn,	Halifax,	Scotland Neck.
332	Crowder Peas,	Robeson,	Maxton.
1133	Clay Peas,	Rutherford,	Darlington.
792	Spanish Chufus,	Duplin,	Xenia.
619	Peas,	Cumberl'dn,	Fayetteville.
962	Petersburg Beans,	Forsyth,	Crater's Mill.
1016 n.	Kaffir Corn,	M'klenburg,	Pineville.
964	Whippoorwill Peas,	Wilson,	Elm City.
262	Clay Peas,	Surry,	Flat Shoal
763	Field Peas,	Halifax,	Scotland Neck.
852	Balser Beans,	Catawba,	Newton.
860	Early Prolific Peas,	Robeson,	Red Springs.
1046	Early Crowder Peas,	Lenoir,	La Grange.
1260	Field Peas,	Henderson,	Bowman's Bl'ff.
723	Russian Sunflower,	Pitt,	Farmville.
15	Coffee Peas,	Catawba,	Newton.
1211	Beans,	Alamance,	Haw River.
1089 s.	Red Speckled Peas,	Davie,	Augusta.
158	White Field Beans,	Burke,	Ridgewater.
259	Whippoorwill Peas,	Chatham,	Egypt.
623	Sunflower Seed,	Currituck,	Snowden.
1173 s.	Navy Beans,	Halifax,	Medoc.
1043 p.	Crowder Peas,	R'kingham,	Mayfield.
716	Black Eyed Peas,	Chowan,	Rockyhock.
354	White Lady Peas,	Robeson,	Maxton.
402	Black Peas,	Hyde,	Middletown.
767	Sunflower Seed,	Halifax,	Scotland Neck.
274	Whippoorwill Peas,	Catawba,	Newton.
1286	Peas,	Iredell,	Statesville.
462	Black Peas,	Gates,	Wellington.
137	Peas,	Wake,	Raleigh.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
463	{ Peas,	Edgecombe,	Rocky Mt.
485 P.			
706 P.	{ Mannakin Cowpeas,	Duplin,	Mt. Olive.
705 s.			
347	Peas,	Robeson,	Maxton.
1075	White Beans,	Yancey,	Micaville.

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## SILK ON TABLE AND ON WALL.

## CASE XCVII.

In Case:

Floss Silk.		
Home Made Silk,	Vance,	Mrs. S. P.
		Wilson.
Native Silk.		
Silk Coocoons.	Rowan,	Miss A. White,
		Salisbury.

In Frame:

Specimens of North Carolina Silk Raised and Manufac- tured by Misses Eliza and Isabella Harris,	Granville,	1843-44.
Ribbon Worn 12 Years,	Granville.	
Piece of Dress,	Granville.	
Sewing and Knitting Silk.	Granville.	

## GRAIN.

## CASE XCVIII.

193	White Corn, Corn.	Chatham,	Linwood.
615s.	Corn,	Brunswick,	Shallotte.
191 E. s.	Early Alamance Corn,	Alamance,	Burlington.
995 E.	Corn,	Wake,	Raleigh.
620 E.	Corn,	Gaston,	Dallas.
381 s.	Corn,	Stokes,	Saxon.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
Corn.			
88 s.	Early Yellow Gourd Seed		
	Corn,		Jackson.
1295	Buckwheat,	Watanga,	Sugar Grove.
395 s.	Field Corn,	Madison,	Ivey.
63	Japan Buckwheat,	Yancey,	Bald Creek.
967	Gideon Corn,	Wilson,	Elem City.
894 s.	Yadkin Corn,	Surry,	Edwards' Mills.
502 s.	Cow Peas,	Craven,	Clarkton.
366	Gourd Seed Corn,	Halifax,	Weldon.
22 s. e.	Speckled Peas,	Catawba.	Newton.
1074	Silverhull Buckwheat,	Yancey,	Micaville.
398 s.	Strawberry Corn,	Davidson,	Linwood.
928 e.	Brake Corn,	Nash,	Rocky Mt.
953 e.	Corn,	Forsyth,	Winston.
1283 s.	Corn,	Iredell,	Statesville.
854	Speckled Peas,	Wake,	Raleigh.
701	Silver Hull Buckwheat,	Rock'gham,	Douglass.
	Corn.		
649	Japanese Buckwheat,	Caldwell,	Upton.
234	Calico Peas,	Halifax,	Tillery.
363	Speckled Peas,	Robeson,	Maxton.
963	Cow Peas,	Forsyth,	Crater's Mill
386 s.	Fultz Winter Wheat,	Madison,	Ivey.
355	Black Peas,	Robeson,	Maxton.
371	{ Peas,	Madison,	Ivey.
446 p.		Franklin,	Louisburg.
1177	Peas,	Chowan,	Rockyhock.
715	Clay Peas,	Burke,	Morganton.
172	Corn Field Peas,	Burke,	Morganton.
190 e.	Winter Bread Corn,	Currituck,	Snowden.
	Corn.		
829 s.	Rival Corn,		
	Corn.		

NO.	SPECIMEN.	COUNTY.	LOCALITY.
CASE XCIX.			
660	Fox Corn,	Madison,	Marshall.
327	Oats,	Pasquotank,	Elizabeth City.
1192	Red Wheat,	Franklin,	Louisburg.
742	Beans,	Warren,	Creek.
1289	Fulcaster Wheat,	Watauga,	Boone.
308	Red Shankle Oats,	Stanly,	Shankle.
704 E. 702 s.	} Corn,	Duplin,	Mt. Olive.
824	Fisher Corn,	Hyde,	Englehard.
757	Oats,	Haywood,	Waynesville.
60	Fulcaster Wheat,	Iredell,	Simon Creek.
836 L.	Cotton,	Currituck,	Mayock.
883	Fulcaster Wheat,	Gaston,	Mt. Holly.
1052	Winter Oats,	Person,	Cunningham's.
111 E.s.	Improved Dent Corn,	Rowan,	Zeb.
977 s.	Blue Hill Corn,	Alamance,	Elon College.
156	Russet Brown Winter Oats,	Wake,	Raleigh
1209	Fulcaster Wheat,	Alamance,	Haw River.
580 L.	Allen's Long Staple Cotton,	Cumber'l'd,	Fayetteville.
1216	Fultz Winter Wheat,	Alamance,	Haw River.
467	Rust Proof Oats,	Gates,	Willeyton.
391 s.	Corn,	Wayne,	Mt. Olive.
892 E.	Gourd Seed Corn,	Catawba,	Newton,
980	Maryland Oats,	Alamance,	Elon College.
957	Davis Winter Wheat,	Forsyth,	Rural Hall.
	Cotton.		
1234	Wheat,	Guilford,	Central.
956	Winter Oats,	Forsyth,	Winston.
84 E. 73 s.	} Large Late Corn,	Randolph,	Trinity Col.
919 s.	Corn,	Mitchell,	Cranberry.
876	Brown Oats,	Gaston,	Mt. Holly.
1088 s.	Wheat,	Davie,	Augusta.
	Cotton.		
79	Fulcaster Wheat,	Stokes,	Fulps.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
316	White Shankle Oats,	Stanly,	Shankle.
273	Mammoth Dent Corn,	Chatham,	Egypt.
639 E.	Corn,	Burke,	Bridgewater.
924	Rust Proof Oats,	Nash,	Rocky Mount.
1261	Wheat,	Lincoln,	Lincolnton.
816	White Rice,	Robeson,	Maxton.
806	Fulcaster Wheat,	Chatham,	Pittsboro.
82	Winter Green Oats,	Stokes,	Fulps.
124 s.	Corn,	Polk,	Clover.

## SMALL GRAIN.

## CASE C.

1160	Oats,	Randolph.
1185	Oats,	Franklin, Louisburg.
216	Oats,	Burke, Bridgewater.
744	Oats,	Warren, Davis Creek.
329	Oats,	Greene, Shine.
1055	Oats,	Pasquotank, Eliz. City.
1109	Oats,	Davie, Jerusalem.
835	Oats,	Currituck, Snowden.
938	Oats,	Robeson, Maxton.
1004	Oats,	Harnett, Winslow.
324	Oats,	Pasqu'tank, Eliz. City.
227	Oats,	Burke, Morganton.
673	Wheat,	Randolph, Brownstone.
180	Wheat,	Burke, Morganton.
862	Wheat,	Robeson, Antioch.
1152	Wheat,	Rutherford, Rutherfordton.
114	Wheat,	Forsyth, Louisville.
312	Wheat,	Greene, Shine.
1214	Wheat,	Alamance, Haw River.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
29	Wheat,	Rowan,	Salisbury.
1104	Wheat,	Davie,	Jerusalem.
459	Peas,	Wake,	Raleigh.
99	Peas,	Rowan,	Salisbury.
720	Peas,	Chowan,	Somerset.
132	Peas,	Chatham,	Leewood.
1288	Peas,	Iredell,	Statesville.
133	Black Peas,	Wake,	Garner.
139	Black Peas,	Chatham,	Leewood.
457	Black Peas,	Wake,	Raleigh.
676	Black Beas,	Person,	Winstead.
1270 s.	Black Peas,	Johnston,	Smithfield.
1287	Black Peas,	Iredell,	Statesville.
174	Black Peas,	Burke,	Bridgewater.
1056	Black Peas,	Pasqu'tank,	Elizabeth City.
1212	Black Peas,	Alamance,	Haw River.
335	Oats (Red Rust Proof),	Robeson,	Alfordsville.
713	Black Oats,	Cherokee,	Andrews.
310	Red Rust Proof Oats,	Meckl'b'rg,	Pineville.
738	Rust Proof Oats,	Burke,	Morganton.
326	Winter Oats,	Chatham,	Egypt.
384	Spring Oats,	Madison,	Ivey.
143	Black Oats,	Wake,	Raleigh.
34	Black Winter Oats,	Rowan,	Salisbury.
697	White Winter Oats.	Randolph,	Brownstone.
822	Oats,	Haywood,	Sonoma.
1121	Black Spring Oats,	Davie,	Tennyson.
1161 e.	New River Corn,	Watauga,	Blowing Rock.
378	Winter Wheat,	Cabarrus,	Concord.
31	Fulcaster Wheat,	Rowan,	Salisbury.
630 s.	Fultzer Winter Wheat,	Burke,	Bridgewater.
344	Red May Wheat,	Robeson,	Maxton.
55	Fulcaster Wheat,	Yancey,	Ball Creek.
1257	Wheat,	Lincoln,	Lincolnton.
113	Early Red Winter Wheat,	Forsyth,	Lewisville.
487	Brown Sheaf Wheat,	Stokes,	Wilson's Store.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
80	Brown Winter Wheat,	Stokes,	Furp.
955	Tappahannock Wheat,	Forsyth,	Winston.
118	Red Fultz Wheat,		Durant's Neck.
819	Broughton Winter Wheat,	Macon,	Franklin.
898	Fultz Wheat,	Haywood,	Sonoma.
6	Fulcaster Wheat,	Catawba,	Newton.
215	Red Wheat,	Burke,	Bridgewater.
856	Purple Straw Wheat,	Wake,	Forest.
946	Wheat,	Stanly,	Palmersville.
1025	Fultz Wheat,	Moore,	Euphronia.
1018	May Wheat,	Mecklenb'g,	Pineville.
847	Fulcaster Winter Wheat,	Catawba,	Newton.
76	Rice Winter Wheat,	Jackson,	Callowhee.
664	Winter Wheat,	Madison,	Marshall.
62	Winter Wheat,	Cabarrus,	Concord.
40	Mammoth Corn,	Rowan,	Salisbury.
123 s.	White Horse Tooth Corn,		Durant's Neck.
808 E.	Corn,	Chatham,	Pittsboro.
194 E.	Pop Corn,	Wake,	Raleigh.
1022S.	Corn,	Mecklenb'g,	Pineville.
1012E.	Corn,	Henderson,	Edneyville.
74 s.	Corn,	N'rth'l'mpt'n,	Jackson.
72 s.	White Corn,	Moore,	Jonesboro.
498	Corn,	Cabarrus,	Concord.

## CASE CI.

1061	Field Peas,	Bertie,	Aulander.
648	Bean Peas,	Bertie,	Coleraine.
993	Black Field Peas,	Wake,	Raleigh.
135	Soja Beans,	Alamance,	Burlington.
897	Fall Beans,	Surry,	Edwardsville.
538	Soja Beans,	Halifax,	Enfield.
281	Black Field Peas,	Stokes,	Saxon.
154	White Peas,	Wake,	Garner.
1091	Peas,	Davie,	Augusta.
632	Clay Peas,	Lincoln,	Lincolnton.
584 s.	Field Peas,	Lenoir,	Falling Creek.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1172	Peas,	Warren,	Creek.
1079	Black Peas,	Davie,	Augusta.
13	Soja Beans,	Catawba,	Sherrill's Ford.
858	Black Peas,	Wake,	Raleigh.
388	Peas,	Bertie,	Windsor.
573	Red Cow Peas,	Bertie,	Coleraine.
608 s.	Clay Peas,	Lincoln,	Macphelah.
463	West India Peas,	Edgecombe,	Rocky Mt.
218 r.	Clay Peas,	Burke,	Morganton.
144	Speckled Peas,	Chatham,	Leewood.
131	White Peas,	Chatham,	Leewood.
472	Black Peas,	Edgecombe,	Rocky Mt.
617 s.	Early White Peas,	Brunswick,	Town Creek.
850	Whippoorwill Peas,	Catawba,	Newton.
831	Clay Peas,	Hyde,	Engelhard.
638 s.	Coffee Peas,	Mecklenb'g,	Charlotte.
434 E.	Southern White Corn,	Craven,	Bellair.
782 s.	Strawberry Corn,	Wake,	Raleigh.
1294	Corn,	Watauga,	Sugar Grove.
	Corn.		
781 s.	Red Corn,	Wake,	Raleigh.
639	Corn,	Burke,	Bridgewater.
907	White Flint Corn,	Halifax,	Scotland Neck.
908	Yellow Corn,	Halifax,	Scotland Neck.
1130	Corn,	Rutherford,	Darlington.
594	Black-Eyed Peas,	Bertie,	Coleraine.
42	Black Peas,	Davidson,	Linwood
929	Soja Beans,	Nash,	Rocky Mt.
225	Red Kidney Beans,	Burke,	Morganton.
1128	White June Beans,	Yancey,	Burnsville.
313	Red Kidney Beans,	Burke,	Morganton.
3365	Peas,	Richmond,	John's Station.
431	Sugar Crowder Peas,	Craven,	Fort Barnwell.
1153	Clay Peas,	Rutherford,	Rutherfordton.
665	Corn Field Beans,	Madison,	Marshall.
69	Black Peas,	Moore,	Jonesboro.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
470	Soja Beans,	Gates,	Wellington.
275	Beans,	Catawba,	Newton.
595	Soja Beans,	Bertie,	Coleraine.
492	Black Clay Peas,	Stokes,	Wilson's Store.
960	Wax Beans,	Forsyth,	Rural Hall.
759 s.	Early Clay Peas,	Halifax,	Scotland Neck.
364	Black Eye Peas,	Halifax,	Weldon.
166	Clay Peas,	Chatham,	Leewood.
136	White Field Beans,	Chatham,	Leewood.
689	Black Peas,	Caldwell,	Yadkin Valley.
1229	Soja Beans,	Alamance,	Haw River.
833	Black Peas,	Currituck,	Snowden.
314	N. Y. Marrow Beans,	Burke,	Morganton.
240	Peas,	Halifax,	Tillery.
468	White Peas,	Edgecombe,	Rocky Mt.
39	Coffee Peas,	Rowan,	Salisbury.
786	Table Peas,	Duplin,	Magnolia.
183	Clay Peas,	Catawba,	Newton.
229	California White Beans,	Burke,	Connelly Spgs.
572	Black Cow Peas,	Bertie,	Coleraine.
221	N. Y. Marrow Beans,	Burke,	Morganton.
1142 s.	Peas,	Wake,	Pernell.
130	White Peas,	Wake,	Garner.
372	Speckled Peas,	Hyde,	Middleton.
244	Early Black Peas,	Halifax,	Tillery.
279	Coffee Peas,	Mecklenb'g,	Pineville.
18	Peas,	Catawba,	Hickory.
393	Field Peas,	Beaufort,	Washington.
257	Black Eyed Peas,	Surry,	Flat Shoals.
258	Clay Peas,		Murfreesboro.
268	Lady Peas,	Surry,	Flat Shoals.
722 p.	Speckled Peas,	Pitt,	Farmville.
1079 s.	Black Peas,	Davie,	Augusta.

## WHEAT AND BUCKWHEAT.

## CASE CII.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1008	Buckwheat,	Henderson,	Edneyville.
685	Japanese Buckwheat,	Caldwell,	Yadkin V'lley.
807	Japan Buckwheat,	Chatham,	Pittsboro.
178	Buckwheat,	Burke,	Morganton.
17	Japanese Buckwheat,	Catawba,	Newton.
652	Fulcaster Winter Wheat,	Caldwell,	Upton.
64	Redstraw Buckwheat,	Yadkin,	Zion.
223	Silver Hull Buckwheat,	Burke,	Bridgewater.
1038	Spanish Buckwheat,	Jackson,	Balsam.
239	Japanese Buckwheat,	Watauga,	Vilas.
149	Japanese Buckwheat,	Burke,	Bridgewater.
683	Winter Rice Wheat,	Caldwell,	Yadkin V'lley.
655	Red Cob Corn,	Gaston,	Snapp.
1280	White Washington Wheat,	Lincoln,	Lincolnton.
44	Fultz Winter Wheat,	Davidson,	Linwood.
517	Red Rust Proof Oats,	Lincoln,	Lincolnton.
248	Fulcaster Wheat,		Thomasville.
979	Kivett Winter Wheat, Corn.	Alamance,	Elon College.
1036	Bowden Wheat,	Jackson,	Balsam.
896	Fulcaster Wheat,	Surry,	Edwardsville.
173	Red Winter Wheat,	Burke,	Morganton.
432	Japanese Buckwheat,	Madison,	Ivey.
714	Bearded Wheat,	Cherokee,	Andrews.
8	Early Red Winter Wheat,	Catawba.	
633	Fulcaster Wheat,	Lincoln,	Lincolnton.
874	Red Ripley Wheat,	Gaston,	Mt. Holly.
321	Golden Flint Wheat,	Chatham,	Gulf.
1291	Japanese Buckwheat,	Watauga,	Boone.
756	Buckwheat,	Haywood,	Waynesville.
599	Japanese Buckwheat,	Alleghany,	Laurel Springs.
951	Davis Winter Wheat,	Forsyth,	Bethania.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1139	Rucker Winter Wheat,	Rutherford,	Green Hill.
117	Australian Winter Wheat,	Forsyth.	Lewisville.
1243	Buckwheat,	Henderson,	Horse Shoe.
821	Buckwheat,	Haywood,	Sonoma.
160	Silver Buckwheat,	Burke.	Bridgewater.
41	Japan Bnckwheat,	Rowan,	Salisbury.
1236	Buckwheat,	Guilford,	Central.
1237	Wheat,	Guilford,	Central.
237	Japanese Buckwheat,	Alexander,	Kilby.
675	Japan Buckwheat, -	Ashe,	Idlewilde.

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## OATS AND GRASS-SEED.

## CASE CIII.

1220	Red Rust Proof Oats,	Alamance,	Haw River.
361	Oats,	Robeson,	Maxton.
141s.	Oats,	Chatham,	Linwood.
95	Mixed Spring Oats,	Sampson.	Newton Grove.
680	Winter Oats,	Person,	Winstead.
35	Rust Proof Oats,	Rowan,	Salisbury.
1219	Virginia Winter Oats,	Alamance,	Haw River.
545	German Millet Seed,	Buncombe,	Biltmore.
155	Orchard Grass Seed,	Alamance,	Bnrlington.
147	Flax Seed,	Wake,	Raleigh.
1178	Fescue Seed,	Franklin,	Louisburg.
159	Clover Seed,	Wake,	Raleigh.
732	N. C. Brown Winter Oats,	Richmond,	Conclave.
142	Red Rust-proof Oats,	Alamance,	Burlington.
1198	Kentney Blne Grass Seed,	Franklin,	Louisburg.
1200	Clover Seed.	Franklin,	Lonisburg.
	Timothy Seed,	Alamance,	Burlington.
1175	Red Clover Seed,	Franklin,	Louisburg.
1179	Fesne Seed,	Franklin,	Louisbnrg.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
825	Rust Proof Oats,	Hyde.	Englehard.
52	Virginia Winter Oats,	Lincoln,	Lincolnton.
1190	English Blue Grass Seed,	Franklin,	Louisburg.
146	Timothy Seed,	Alamance,	Burlington.
1188	Grass Seed (Johnson),	Franklin,	Louisburg.
1197	Creeping Grass Seed,	Franklin,	Louisburg.
1184	Grass Seed,	Franklin,	Louisburg.
36	White Winter Oats, Oats.	Rowan,	Salisbury.
	Clover Seed,		
14	Fall Oat Grass Seed,	Catawba,	Hickory.
1210	Red Top Grass Seed,	Alamance,	Haw River.
1194	Meadow Grass Seed,	Franklin,	Louisburg.
152	Mammoth Clover Seed,	Alamance,	Burlington.
703	Rust Proof Oats,	Duplin,	Mt. Olive.
1125	Rust Proof Oats,	Yancey,	Burnsville.
1244	White Winter Wheat,	Randolph,	Liberty.
1134	Red Rust Proof Oats,	Rutherford,	Darlington.
1202	Fall Meadow Oat Grass.	Franklin,	Louisburg.
647	Red Rust Proof Oats, Oats.	M'kl'n'b'rg,	Charlotte.
1238	Oats,	Guilford,	Central.

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GRAIN.

## CASE CIV.

Cotton Lint.			
Peas.			
985	Rice.	Duplin,	Warsaw.
51	Black Spring Oats,	Iredell,	Snow Creek.
222	White Barley,	Burke,	Connelly Sp'gs.
362	Cottage Crowder Peas,	Robeson,	Maxton.
365	Silver Wave Cotton,	Halifax,	Weldon.
1087 s.	Clay Peas,	Davie,	Augusta.
50	Spring Oats.	Sampson,	Newton Grove.
59	Fulcaster Wheat (Winter),	Cabarrus,	Concord.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
245 s.	Corn,	Duplin,	Kenansville.
1129	Fulcaster Wheat,	Yancey,	Burnsville.
3	Black Spring Oats,	Pender,	Castle Hayne.
519 p.	Peas,	Lincoln,	Lincolnton.
773 h.	Rice,	Halifax,	Enfield.
387	Fultz Wheat,	Davidson,	Linwood.
1066 e.	Corn,	Rock'gham,	Mayfield.
1135	Yellow Corn,	Henderson,	B'wm'n's Bl'ff.
1054 s.	Corn,	Pasquot'nk,	Elizabeth City,
78	Red Winter Wheat,	Hertford,	Menola.
92 h.	Rice,	Edgecombe,	Coakley.
1047 s.	Late Crowder Peas,	Lenoir,	La Grange.
120	Red Rust Proof Oats,		Dura't's Neck.
150	Everett High Grade Wheat,	Alamance,	Burlington.
1292	Corn,	Watauga,	Sugar Grove.
56	Fulcaster Wheat,	Lincoln,	Lineolnton.
397	Winter Oats,	Beaufort,	Washington.
389	Clay Peas,	Hyde,	Middletown.
933 s. } 932 b. }	Harris Cotton,	Nash,	Rocky Mount.
	Red Kidney Beans.		
983	Rice,	Duplin,	Magnolia.
1076 s.	Rust Proof Oats,	Yancey,	Micaville.
770	White Rice,	Halifax,	Scotland Neck.
	Red Kidney Beans,	Burke.	
416 s.	Peterkin Cotton,	Wayne,	Mt. Olive.
845 s.	Corn,	Catawba,	Newton.
9	Fulcaster Wheat,	Catawba,	Newton.
1028 s.	White Corn,	Moore,	Euphronia.
1112	Purple Straw Wheat,	Davie,	Jerusalem.
1221 s.	Melville Corn,	Alamance,	Haw River.
77	Winter Wheat,	Jackson,	Cullowhee.
187 s.e.	Gentry Early Corn,	Burke,	Morganton.

## CASE CV.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1006	Rye,	Harnett,	Winslow.
879	Peas,	Gaston,	Mt. Holly.
553	Rye,	Buncombe,	Biltmore.
486 p.	Peas,	Edgecombe,	Rocky Mount.
306	White Rye,	Catawba,	Newton.
776 p.	Black Peas,	Wake,	Releigh.
793	Winter Rye,	Duplin,	Xenia.
886	Black Eyed Peas,	Vance,	Henderson.
489	White Mountain Rye,	Stokes,	Wilson's Store.
763 p.	Peas,	Halifax,	Scotland Neck.
1127	Blue Stem Rye,	Yancey,	Burnsville.
276	Speckled Two Crop Peas,	Me'klenb'g,	Pineville.
325	Rye,	Greene,	Shine.
263	Black Eyed Peas,		Murfreesboro.
1186	Grass Seed (Yellow),	Franklin,	Louisburg.
890 s.	Corn,	Vance,	Henderson.
691	White Rye,	Rock'gham,	Douglass.
902 e.	Gourd Seed Corn,	Warren,	Creek.
1218	White Rye,	Alamance,	Haw River.
798 e.	Corn,	Rowan,	Hart's.
165	Evergreen (Oat Grass),	Alamance,	Burlington.
578 e.	Gourd Seed Corn,	Cumb'r'lnd,	Fayetteville.
47	Big Rye,	Auson,	Cairo.
418 e.	} Corn,	Bertie,	Windsor.
392 s.		Alamance,	Burlington.
163	White Rye,	Gaston,	Mt. Holly.
884 e.	} Gourd Seed Corn,		
875 s.		10	Rye,
1062 e.	} Hickory King Corn,	Catawba,	Hickory.
1057 s.		Madison,	Marshall.
1010	Rye,	Henderson,	Edneyville.
1183	Wheat,	Franklin,	Louisburg.
440	Rye,	Craven,	Ft. Barnwell.
1150	Gourd Seed Corn,	Rutherford,	Rutherfordton.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
236	Rye,	Duplin,	Warsaw.
1215	White Winter Wheat,	Alamance,	Haw River.
1023	Rye,	M'lenburg,	Pineville.
711 s.	Corn,	Cherokee,	Andrews.
554	Rye,	Buncombe,	Biltmore.
301 h.	Wheat,	Chatham,	Leewood.
1290	Rye,	Watauga,	Boone.
861	Purple Straw Wheat,	Robeson,	Antioch.
911	Rye,	M'lenburg,	Charlottte.
785 s.	Corn,	Duplin,	Xenia.

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## SMALL GRAIN.

## CASE CVI.

841	Winter Oats,	Jackson,	Webster.
224	White Winter Oats,	Burke,	Chesterfield.
747	White Spring Oats,	Henderson,	Fletcher.
921	Oats,	Mitchell,	Cranberry.
789	Winter Wheat,	Duplin,	Warsaw.
840	Bearded Wheat,	Haywood,	Waynesville.
246	Rust Proof Wheat,	Moore.	Rise.
855	Fulcaster Winter Wheat,	Wake,	Raleigh.
1120	Early Red Wheat,	Davie,	Tennison.
1069	Fulcaster Wheat,	Person,	Cunningham.
640	Fulcaster Wheat,	M'klenburg,	Charlotte.
217	Long Berry Winter Wheat,	Burke,	Morganton.
952	Fultz Wheat,	Forsyth,	Bethania.
219	Fulcaster Winter Wheat,	Burke,	Morganton.
441	Fulcaster Winter Wheat,	R'kingham,	Douglass.
1011	Red Rust Proof Oats,	Henderson,	Edneyville.
663	Oats,	Madison,	Marshall.
686	Rust Proof Oats,	Caldwell,	Yadkin Vall'y.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
171	Gray Virginia Oats,	Wake,	Raleigh.
726	Black Oats,	Pitt,	Farmville.
175	Red Fulcaster Wheat,	Burke,	Morganton.
116	Golden Prolific Win. Wheat,	Forsyth,	Louisville.
1279	Wheat,	Lincoln,	Lincolnton.
5	Fulcaster Wheat,	Catawba,	Newton.
249	Fultz Wheat,	Davidson,	Thomasville.
307	Fulcaster Winter Wheat,	Stokes,	Saxon.
4	Fulcaster Wheat,	Guilford,	High Point.
140	Black Winter Oats,	Alamance,	Burlington.
1086	Wheat,	Davie,	Augusta.
360	Fultz Winter Wheat,	Robeson,	Maxton.
58	Wheat,	Lincoln,	Lincolnton.
182	Red Rice Wheat,	Burke,	Glen Alpine.
254	Tuscan Island Wheat,	Davidson,	Thomasville.
317	Everet Winter Wheat,	Macon,	Franklin.
57	Rice Wheat,	Lincoln,	Lincolnton.
382	Black Winter Oats,	Greene,	Fieldsboro.
252	Fulcaster Wheat,	Davidson,	Thomasville.
2	Red Wheat,	Sampson,	Newton Grove.
823	Fulcaster Wheat,	Haywood,	Sonoma.
341	Fultz Wheat,	Robeson,	Maxton.
251	Kivett Winter Wheat,	Davidson,	Thomasville.
920	Wheat,	Mitchell,	Cranberry.
1083 E.	Purple Straw Wheat,	Davie,	Augusta.
471	Black Oats,	Gates,	Wileyton.
38	White Winter Oats,	Rowan,	Salisbury.
1111	Rust Proof Oats,	Davie,	Tennison.
138	White Winter Oats,	Burke,	Bridgewater.
1102	Black Egyptian Oats,	Davie,	Augusta.
27	Pivot Wheat,	Rowan,	China Grove.
325	Fulcaster Wheat,	Union,	Beaver Dam.
582	Purple Stalk Wheat.	C'mb'rland,	Fayetteville.
780	Wheat,	Wake,	Raleigh.
61	Purple Straw Winter Wheat,	Orange,	Oaks.
318	Fulcaster Wheat,	M'ckl'n'b'rg,	Pineville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
1242	Wheat,	Henderson,	Horseshoe.
323	Rust Proof Wheat,	Stanly,	Shankle.
772	Fulcaster Winter Wheat,	Caldwell,	Peterson.
736	Fulcaster Winter Wheat,	Richmond,	Conclave.
622	Ebbitt Wheat,	Gaston,	Dallas.
1239	Oats,	Guilford,	Central.
739	Virginia Gay Oats,	Burke,	Morganton.
7	Red Wheat,	Catawba,	Newton.
654	White Winter Oats,	Gaston,	Snapp.
338	Red May Wheat,	Robeson,	Maxton.
1	Winter Wheat,	Forsyth,	Louisville.
818	Wheat,	Macon,	Franklin.
30	Everett's White Wheat,	Rowan,	Salisbury.
46	Black Winter Oats,	Rowan,	Bear Poplar.
493	Yellow Winter Oats,	Stokes,	Wilson's Store.
800	Red Rust Proof Oats,	Gaston,	Mt. Holly.
631	White Winter Oats,	Lincoln,	Lincolnton.
849	Red Rust Proof Oats,	Catawba,	Newton.
4903	Corn,	Stokes,	Wilson's Store.
857 <sup>1</sup> <sub>2</sub>	Mastodon Corn,	Wake,	Raleigh.
359 e.	White Indian Corn,	Robeson,	Maxton.
247	Johnson Corn,	Graham,	Sticork.
200 s.	Red Indian Corn,	Rowan,	Salisbury.
778 s.	Corn,	Wake,	Raleigh.
1245 e.	Corn,	Randolph,	Liberty.
1090	Yellow Corn,	Davie,	Jerusalem.
	Corn,	Randolph,	Liberty.

## CORN AND PEANUTS.

## CASE CVII.

26 e.	Hominy Corn,	Catawba,	Hickory.
1227 s.	Strawberry Corn,	Alamance,	Haw River.
21 e.	Dr. Woodhull Corn,	Catawba,	Newton.
270 e.	Corn,	Pasquotank,	Elizabeth City.

NO.	SPECIMEN.	COUNTY.	CLOALITY.
727 s.	Corn,	Pitt,	Farmville.
32	Red Oats,	Rowan,	Salisbury.
1136	Corn,	Henderson,	B'wm'n's Bluff.
672 e.	Corn,	Randolph,	Brown's Store.
1250 s.	Corn,	Chatham,	Mudlick.
	626 Peanuts,	Mecklenb'g,	Charlotte.
497	N. C. Peanuts,	Pender,	Rocky Point.
129	Virginia Peanuts,	Duplin,	Kenansville.
464	Peanuts,	Gates,	Willeyton.
927 h.	Rice,	Edgecombe,	Tarboro.
	618 Early Peanuts,	Brunswick,	Town Creek.
1051	Spanish Peanuts,	Lenoir,	La Grange.
436	Spanish Peanuts,	Edgecombe,	Rocky Mt.
205	Peanuts,	Chatham,	Leewood.
379	Peanuts,	Pender,	Burgaw.
504	White Rice,	Craven,	Clarkton.
483 h.	Rice,	Gates,	Drumhill.
	827 White Rice,	Hyde,	Lake Landing.
925	Virginia Peanuts,	Nash,	Rocky Mt.
1278	Rice,	Johnston,	Bunn Level.
	97 Upland Rice,	Halifax,	Weldon.
1070	Rice,	Robeson,	Maxton.
1259	Peanuts,	Franklin,	Franklinton.
409	Running Peanuts,	Tyrrell,	Columbia.
964	Upland Rice,	Lenoir,	La Grange.
591	Golden Chaff Rice,	Lenoir,	Falling Creek.
1058	Large Peanuts,	Bertie,	Aulander.
764	Spanish Peanuts,	Halifax,	Scotland Neck.
737	Virginia Peanuts,	Edgecombe,	Rocky Mt.
652	Rice,	Pitt,	Bethel.
834	Rice,	Currituck,	Shawboro.
1014	Peanuts,	Henderson,	Edneyville.
269	Spanish Peanuts,	Chatham,	Egypt.
238	Rice,	Catawba,	Newton.
717	Gray Crowder Pea,	Chowan,	Edenton.
499	Spanish Peanuts,	Columbus,	Whiteville.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
100	Red Ground Peas,	Rowan,	Salisbury.
577	Spanish Peanuts,	Cumb'rland,	Fayetteville.
768	Peanuts,	Halifax,	Scotland Neck.
972	Rice,	Lenoir,	Kinston.
260	Spanish Ground Peas,	Chatham,	Egypt.
589	Onslow Peanuts,	Lenoir,	Falling Creek.
1171	Rice.		
790	Unhulled Rice,	Duplin,	Warsaw.
410	Virginia Peanuts,	Bertie,	Windsor.
783	Spanish Peanuts,	Duplin,	Xenia.
570	Common Peanuts,	Bertie,	Coleraine.
612	White Upland Rice,	Wayne,	Mount Olive.
1064	Rice,	Martin.	
828	Peanuts,	Currituck,	Stigo.
966	Spanish Peanuts,	Wilson,	Elm City.
253	Best Variety Rice,	Catawba,	Louise.
337	White Rice,	Robeson,	Maxton.
350	Rice,	Robeson,	Alfordsville.
915	Peannts,	Gates,	Saren.
380	Rice,	Bertie,	Windsor.
641	Rice,	Martin,	Conoho.
374	Hulled Rice,	McDowell,	Rocky Pass.
	Long Virginia Peanuts,	Beaufort,	Washington.
	Peanuts.		
601	Small Peanuts,	Robeson,	Lumberton.
484	Spanish Peanuts,	Richmond,	Laurinburg.
522	White Peanuts,	Greene,	Shine.
	Rice.		
	Peanuts.		
	Peanuts.		
813	Spanish Peanuts,	Robeson,	Maxton.
417	Common Peanuts,	Madison,	Ivey.
889	Spanish Peanuts,	Vance,	Henderson.
1000	Peanuts,	Harnett,	Winslow.
848	Red Spanish Peanuts,	Catawba,	Newton.
1049	Virginia Peanuts,	Lenoir,	LaGrange.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
527	Peanuts,	Greene,	Shine.
989	Peanuts, Peanuts. Rice.	Duplin,	Magnolia.
974	Upland Pearl Rice,	Perquim'ns,	Belvedere.

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NATURAL AND MIXED FERTILIZERS AND MISCELLANEOUS ARTICLES  
IN GLASS JARS, IN AGRICULTURAL ROOM.

	Uncolored Tea,	Cumberl'nd,	Fayetteville.
61	Phosphate Lime,	Pender,	Rocky Point.
25	Navassa Guano, for Tobacco,	N. Hanover,	Wilmington.
59	Special Compound, King of the South (Cotton),	Edgecombe,	Tarboro.
37	Fish Serap,	Halifax,	Dawson's X R.
12291	Eclipse Acid Phosphate,	Wake,	Raleigh.
23	Special Grain Fertilizer,		Cronly.
16	Cotton B'rnd Acid Ph'phate,	N. Hanover,	Wilmington.
13	Truck Farmer's Special,	N. Hanover,	Wilmington.
10	Potato Guano,	N. Hanover,	Wilmington.
14	Sea Bird Ammoniated Guano,	N. Hanover,	Wilmington.
30	Am'oni'm S'lub'e N'ves. G.	N. Hanover,	Wil'mington.
31	Cotton Fertilizer,	N. Hanover,	Wilmington.
24	Latimer Cotton Fertilizer,	N. Hanover,	Cronly.
3	Dur'm Ammonium Fertilizer,	Durham,	Durham.
11	Almont Acid Phosphate,	N. Hanover,	Wilmington.
52	Broad Leaf Tobacco Guano,		Reidsville.
29	Root Crop Fertilizer,	N. Hanover,	Wilmington.
1	Dur'm Amm'ated Fertilizer,	Durham,	Durham.
48	Cotton Seed Hull Ashes,	Mecklenb'g,	Charlotte.
56	Farmer's Bone Fertilizer,	Edgecombe,	Tarboro.
35	Summer Yellow Refined Cot- ton Seed Oil,	Mecklenb'g,	Charlotte.

NO.	SPECIMEN.	COUNTY.	LOCALITY.
36	Crude Cotton Seed Oil,	Mecklenb'g,	Charlotte.
47	Cotton Seed Meal,	Mecklenb'g,	Charlotte.
45	Cotton Seed,	Mecklenb'g,	Charlotte.
54	Banner Fertilizer,		Reidsville.
22	Gem Fertilizer,		Cronly.
60	Building Lime,	Pender,	Rocky Pt.
12	C't'n Br'd H. G. Acid Ph's'ate,	N. Hanover,	Wilmington.
53	Royal Fertilizer,		Reidsville.
58	Special Tobacco Compound,	Edgecombe,	Tarboro.
17	Cotton Brand Ammonium Dissolved Bone,		N. Hanover, Wilmington.
19	Gibbs & Co.'s, H. G. Ammo- nium Phosphate,		N. Hanover, Wilmington.
21	Acme Fertilizer,		Cronly,
2	Durham High Grade Acid Phosphate,	Durham,	Durham.
26	Kainit,	N. Hanover,	Wilmington.
32	Acid Phosphate,	N. Hanover,	Wilmington.
28	Grain Fertilizer,	N. Hanover,	Wilmington.
57	Orinoco Tobacco Guano,	Edgecombe,	Tarboro.
5	N. C. Official Farmer's Alli- ance Guano,	Durham,	Durham.
50	Ch'r'l'e Am'onium Fertilizer,	Mecklenb'g,	Charlotte.
62	Agricultural Lime,	Pender,	Rocky Pt.
40	German Kainit,	Wake,	Raleigh.
7	N. C. Official Farmer's Alli- ance Acid Phosphate,	Durham,	Durham.
6	Progressive Farmer Guano,	Durham,	Durham.
39	Special Fertilizer for Vines and Fruit Trees,	Wake,	Raleigh.
20	Acme Acid Phosphate,		Cronly.
43	Cotton Seed Feed,	Mecklenb'g,	Charlotte.
4	Nitrate of Soda,	Durham,	Durham.
27	Special Truck Guano,	N. Hanover,	Wilmington.
18	Cot'n B'l't Am'oni'm Guano, Peas, (Mouldy Crowder),	N. Hanover,	Wilmington.
		Wake.	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
49	Acid Phosphate,		Mecklenb'g, Charlotte.
984	Deer Tongue,	Duplin,	Magnolia.
46	Cotton Seed Hulls,		Mecklenb'g, Charlotte.
42	Eclipse Ammoniated Guano, Tankage,	Wake,	Raleigh.
	High Grade Ammoniated Phosphate,		N. Hanover, Wilmington.
	Pyrites,		N. Hanover, Wilmington.
	G'l'den B'l't Am'oni'ed Guano,	N. Hanover,	Wilmington.
	Truck Fa'er's Special Guano,	N. Hanover,	Wilmington.
	Cotton Brand Am'o'iated Dissolved Bone,		N. Hanover, Wilmington.
	Cotton Brand High Grade Acid Phosphate,		N. Hanover, Wilmington.
	Dried Blood,		N. Hanover, Wilmington.
	Charlotte Acid Phosphate,	N. Hanover,	Wilmington.
	Potash,		N. Hanover, Wilmington.
	Almont Acid Phosphate,	N. Hanover,	Wilmington.
	Charlotte Ammo'd Fertilizer,	Mecklenb'g,	Charlotte.
	Chinese Tea Pl'nt(in Frame),		Bertie.
	Tea Farm near Hiogo, Japan, (Picture),		T. R. Jernigan.

## MOUNTED SPECIMENS IN NATURAL HISTORY ROOM.

CASES CVIII. TO CXXVII., INCLUSIVE, AND LIST OF UNMOUNTED SPECIMENS.

## BIRD EGGS.

## CASE CVIII.

Killdeer, 4 Specimens.  
Common Tern.

- California Guillemot.  
Black Guillemot.  
Didapper.  
Clapper Rail, 2 Specimens.  
Least Tern.  
Black Tern.  
Sharp Skinned Hawk.  
Laughing Gull.  
Spotted Sandpiper.  
Bonaparte's Gull.  
Arctic Tern.  
American Herring Gull.  
Leach's Petrel.  
Partridge, 3 Specimens and 13 Specimens.  
Snowy Heron, 2 Specimens.  
Green Heron, 5 Specimens.  
Louisiana Heron, 3 Specimens.  
Ruffed Grouse.  
Alligator.  
Marsh Hawk.  
Red Tailed Hawk.  
Wild Turkey.  
Pileated Woodpecker.  
Red Headed Woodpecker.  
Black Vulture.  
Cooper's Hawk.  
Mourning Dove, 5 Specimens.  
Red Billed Woodpecker, 2 Specimens.  
Night Hawk, 2 Specimens.  
Whippoorwill.  
Yellow Hammer, 6 Specimens.  
Yellow Billed Cuckoo.  
Purple Grackle.  
Meadow Lark.  
Kingbird, 5 Specimens.  
Red Winged Blackbird, 3 Specimens.

- Orchard Oriole, 3 Specimens.  
Blue Jay, 3 Specimens.  
American Crow, 2 Specimens.  
Wood Pewee, 2 Specimens.  
Crested Flycatcher, 3 Specimens.  
Baltimore Oriole.  
Chipping Sparrow, 11 Specimens.  
Field Sparrow, 7 Specimens.  
Swift, 4 Specimens.  
Bobolink.  
Ruby Throated Hummingbird, 2 Specimens and Nest.  
Wooded Warbler, 32 Specimens and 8 Nests.  
Lark Bunting, 7 Specimens.  
Warbling Vireo.  
White Eyed Vireo.  
Indigo.  
Bank Swallow, 2 Specimens.  
Red Eyed Vireo.  
Crimson House Finch.  
Barn Swallow.  
Green Backed Goldfinch.  
Summer Lanager.  
Brown Creeper.  
Carolina Chickadee.  
Tufted Titmouse, 2 Specimens.  
Lazuli Bunting.  
Cardinal, 6 Specimens.  
Carolina Wren, 2 Specimens.  
Goldfinch.  
Blue Grosbeak, 3 Specimens.  
Cedar Waxwing, 2 Specimens.  
Wood Thrush, 7 Specimens.  
Long Billed Marsh Wren.  
White Breasted Nuthatch.  
Blue Gray Gnatcatcher.  
Robin, 8 Specimens.

Bluebird, 11 Specimens.  
 Thrasher, 17 Specimens.  
 Yellow Breasted Chat, 12 Specimens.  
 Mockingbird, 11 Specimens.  
 European Eggs (Mixed), 16 Specimens.

## ON TOP OF CASE CVIII.

Wildcat,	Burke.
Wildcat,	Buncombe.

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## MOUNTED BIRDS AND ANIMALS.

## BIRDS IN CASE. CIX.

NO.	SPECIMEN.	LOCALITY.
1	Red Breasted Nariganser, Male,	Craven.
2	Hooded Merganser, Male,	Craven.
3	Mallard, Female,	Craven.
4	Hybrid Black Duck & Mallard, Male,	Craven.
5	Black Duck, Female,	Wake.
6	Pintail, Male,	Carteret.
7	Pintail, Female,	Carteret.
8	Shelldrake, Female,	Craven.
9	Red Breasted Merganser, Female,	Carteret.
10	Redhead, Female,	Carteret.
11	Redhead, Male,	Carteret.
12	Green Winged Teal, Female	Craven.
13	Hooded Marganser, Male,	Carteret
14	Blue Winged Teal, Female,	Wake.
15	Mallard, Male,	Wake.
16	Green Winged Teal, Male,	Wake.
17	Blue Winged Teal, Male,	Wake.
18	Wood Duck, Male,	Craven.
19	Canvas Back, Female,	Carteret.

NO.	SPECIMEN.	LOCALITY.
20	Blue Winged Teal, Male,	Wake.
21	Canvas Back, Male,	Carteret.
22	Black Duck Male,	Wake.
23	Shoveller, Male,	Carteret.
24	Mallard, Male,	Craven.
25	Mallard, Female,	Craven.
26	Baldpate, Male,	Wake.
CASE CX.		
27	Wood Duck, Male,	Craven.
28	Little Blackhead, Male,	Buncombe.
29	Little Blackhead, Female,	Wake.
30	Green Winged Teal, Female,	Craven.
31	Wood Duck, Male,	Craven.
32	White Winged Scoter, Male,	Carteret.
33	White Winged Scoter,	Carteret.
34	Ruddy Duck, Female,	Craven.
35	Double Crested Cormorant, Male,	Craven.
36	Brant, Male,	Carteret.
37	Surf Scoter, Male,	Carteret.
38	Golden Eyed Duck, Male,	Craven.
39	South Southerly, Male,	Craven.
40	Dipper or Buffle Head, Male,	Carteret.
41	Dipper or Buffle Head, Female,	Carteret.
42	Ruddy Duck, Male,	Craven.
43	Little Black head, Female,	Buncombe.
44	Big Black head, Male,	Craven.
45	Big Black head, Male, Imm.	Carteret.
46	Snow Goose, Male,	Carteret.
47	Snow Goose, Male, Imm.	Carteret.
48	Whistling Swan, Male,	Currituck.
49	Canada Goose,	Buncombe.
50	Canada Goose, male,	Carteret.
51	Turnstone,	Carteret.
52	Green Heron,	Buncombe.
53	Little Blue Heron, White Phase.	Wake.
54	Green Heron,	Wake.

## CASE CXI.

NO.	SPECIMEN.	LOCALITY.
55	Kildeer,	Wake.
56	Least Bittern, Male,	Wake.
57	Black Crowned Night Heron, Imm.,	Carteret.
58	Black Crowned Nght Heron, Male Adult, Brunswick.	Brunswick.
59	Yellow CrownedNight Heron, Male Adult Craven.	Craven.
	Yellow Crowned Night Heron, Imm.,	Craven.
61	Black Crowned Night Heron,	Buncombe.
62	Bittern, Female,	Wake.
63	Virginia Rail,	Wake
64	Sora, Male,	Wake.
65	Florida Gallinule.	
66	Coot, Male,	Wake.
67	Sora, Female,	Wake.
68	Florida Gallinule,	Craven.
69	Coot,	Wake.
70	King Rail, Female,	Wake.
71	Great Blue Heron, Adult Male,	Wake.
72	Great Blue Heron, Immature.	Wake.
73, 74	Little Blue Heron, White Phase,	Buncombe.
75	Little Blue Heron, Blue Phase,	Buncombe.
76	Bittern, Male,	Craven.
77	Great Blue Heron, Imm.,	Wake.

## CASE CXII.

78	Greater Yellowlegs,	Wake.
79	Bartramian Sandpiper, Male,	Wake.
80	Jacksnipe, Male,	Wake.
81	Bartramian Sandpiper, Female,	Wake.
82	Sharp Shinned Hawk.	
83, 84	Red Headed Snipe and Woodcock,	Craven.
85	Turnstone, Female,	Carteret.
86, 87	Red Breasted Snipe,	Craven.
88	Long Billed Curlew,	Carteret.
89	Willet.	
90	Wildcat, Kitten,	Craven.
91	Greater Yellowlegs, Female,	Wake.
92	Bluebird, Male,	Wake.

NO.	SPECIMEN.	LOCALITY.
93	Kildeer, Male,	Wake.
94, 95	Bullfrogs,	Wake.
96	Curlew, Male,	Europe.
97	Muskrat, Male,	Wake.
98	Mink, Male,	Wake.
99	Robin Snipe, Female.	
100	Kingfisher,	Wake.
101	Wilson's Snipe, Female,	Wake.
102	Wilson's Snipe, Male,	Wake.
103	Woodcock, Female,	Wake.
104	European Woodcock,	Europe.
105	Lesser Yellowlegs,	Wake.
106	Otter, Male,	Craven.
107	Beaver, Female,	Halifax.
108	Southern Fox Squirrel,	Craven.

## CASE CXIII.

109	Least Bittern,	Wake.
110	Yellow Billed Cuckoo, Female,	Wake.
111	Red Billed Woodpecker, Male,	Wake.
112	Mallard, Male,	Wake.
113	Red Winged Blackbird, Male,	Wake.
114	Logger Head Shrike, Female,	Wake.
115	Buffle Head Duck or Dipper, Male,	Carteret.
116	Cowbird, Male,	Wake.
117	Shelldrake, Male,	Carteret.
118	Black Tern, Male,	Wake.
119	Shelldrake, Female,	Carteret.
121	Eider Duck, Male,	Massachusetts.
122	Black Tern, Male,	Wake.
123	Red Breasted Merganser, Male,	Wake.
124	Buffle Head Duck, Male,	Wake.
125	Clapperrail, Male,	Carteret.
131	Ruffed Grouse, Male,	Buncombe.
133	Gray Fox, Female,	Halifax.
134	Skunk,	Craven.

NO.	SPECIMEN.	LOCALITY.
135	Bald Eagle, Adult, Male,	Currituck.
136	Harbor Seal,	Craven.
Unmounted Skins:		
120	Ground Hog, Unmounted,	Buncombe.
126	Skunk, Female,	Buncombe.
127	Red Squirrel, Male,	Buncombe.
128	Ground Hog, Male (Young),	Buncombe.
129	Albino Gray Squirrel, Male,	Chatham.
130	Weasel, Male,	Wake.
132	Mink, Male,	Buncombe.

## CASE CXIV.

137	Dove, Male,	Wake.
138	Yellowhammer, Female,	Wake.
139	Robin, Male.	Wake.
140	Screech Owl, Male,	Wake.
141	Great Horned Owl, Immature, Male,	Wake.
142	White Pelican,	Wake.
143	Barred Owl, Female,	Wake.
144	Short Eared Owl,	Wake.
145	Horned Grebe,	Carteret.
146	Crow, Male,	Wake.
147	Skull of Rabbit Fish,	Carteret.
148	Skull of Loggerhead Turtle,	Carteret.
149	Skull of Skunk Porpoise,	Carteret.
150	Skull of Dolphin,	Brunswick.
151	Skull of Porpois,	Carteret.
152	Sea Horse (in Alcohol),	Med. Sea.
153	Joint Snake,	Wake.
154	King Snake,	Wake.
155	Poison Centipede,	Texas.
156	Red Snake,	Wake.
157	Gr'n Snake, Ribbon Snake and Cop'rhead,	Wake.
158		
159		
160	Garter Snake,	Wake.
161	Iguana,	Wake.

NO.	SPECIMEN.	LOCALITY.
162	Porpoise Leather,	Dare.
163	Purple Grackle, Male,	Wake.
164	Purple Grackle, Female,	Wake.
165	Coon, Female,	Brunswick.
166	Coon, Male,	Craven.
167	Loon,	Buncombe.
168	Red Throated Loon,	Craven.
169	Loon,	Buncombe.
170	Soft Shelled Turtle, Female,	Wake.
171	Pied Billed Grebe,	Buncombe.

## CASE CXV.

172	Red Headed Woodpecker, Male,	Wake.
173	Crow,	Wake.
174	Orchard Oriole, Immature, Male,	Wake.
175	Crow,	Buncombe.
176	Rose Breasted Grosbeak.	
177	Yellow Billed Cuckoo,	Buncombe.
178	Sword Bayonet, (loaned,)	Turkey.
179	East India Knife, (loaned,)	Storming of Delhi, India.
180	Summer Tanager, Male,	Wake.
181	Shell Drake, Male,	Buncombe.
182	Bobolink, Female,	Wake.
183	Herring Gull, Immature,	Buncombe.
184	Little Striped Skunk,	Buncombe.
185	Double Crested Cormorant,	Buncombe.
186	Kingfisher,	Buncombe.
187	Carolina Parroquet.	
188	Mockingbird, Male,	Wake.
189	Herring Gull,	Brunswick.
190	Brown Thrasher, Male,	Wake.
191	Dove,	Buncombe.
192	} Blue Jays, Male and Female,	Buncombe.
193		
194	Black Tern, Immature,	Wake.

NO.	SPECIMEN.	LOCALITY.
195	Ruby Throated Hummingbird, Female,	Wake.
196	Bull Bat or Night Hawk, Male,	Wake.
197	Whippoorwill, Male,	Wake.
198	Chuckwill's Widow, Male,	Wake.
199	Chuckwill's Widow, Female,	Wake.
200	Ruffed Grouse, Male and Female,	Buncombe.
201		
202	Loon, Male,	Randolph.
203	Lark, Male,	Wake.
204	Lark, Male,	Wake.
205	Gray Fox,	Buncombe.
206	Woodcock, Female,	Buncombe.
207	Herring Gull,	Buncombe.
208	Pileated Woodpecker, Male and Female,	Wake.
209		
210	Silver Pheasant, Male.	

## CASE CXVI.

211	Great Horned Owl, Female,	Wake.
212	Short Eared Owl,	Wake.
213	Marsh Hawk, Immature,	Wake.
214	Cooper's Hawk, Adult, Female,	Buncombe.
215	Sharp Shinned Hawk, Immature, Male,	Wake.
216	Cooper's Hawk, Immature, Female,	Wake.
217	Screech Owl, Male, Female and Two Young,	Wake.
218		
219		
220		
221	Osprey, Female,	Wake.
222	Long Eared Owl,	Buncombe.
223	Broad Winged Hawk, Female,	Wake.
224	Red Shouldered Hawk, Female,	Wake.
225	Short Eared Owl,	Wake.
226	Barred Owl, Female,	Wake.
227	Sharp Shinned Hawk, Female,	Wake.
228	Barred Owl, Male,	Buncombe.
229	Acadian Owl,	Craven.

NO.	SPECIMEN.	LOCALITY.
230	Marsh Hawk, Adult, Male,	Wake.
231	Sparrow Hawk, Male,	Wake.
232	Sparrow Hawk, Female,	Wake.
233	Sharp Shinned Hawk, Immature, Male,	Wake.
234	Sparrow Hawk, Male,	Buncombe.
235	Marsh Hawk, Immature, Male,	Wake.
236	Great Horned Owl, Female,	Craven.
237	Red Tailed Hawk, Female,	Wake.
238	Red Tailed Hawk, Female,	Forsyth.
239	Great Horned Owl, Male,	Buncombe.
240	Swallow Tailed Kite, Male,	Craven.
241	Red Shouldered Hawk, Male,	Wake.
242	Marsh Hawk, Adult, Female,	Wake.
243	Barn Owl, Female,	Wake.

## MISCELLANEOUS ARTICLES, LOANED TO THE MUSEUM.

## CASE CXVII.

2	Hook for Catching Halibut,	Alaska.
31	Whalebone Mask,	Alaska.
28	Indian Pipe from Bone of Whale,	Alaska.
28	Indian Pipe from Driftwood,	Alaska.
26	Indian War Club,	Alaska.
33	Indian Carving, 4 Specimens,	Alaska.
32	Charms of Bone of Whale, 4 Specimens,	Alaska.
27	Mexican Pottery,	Mexico.
25	Ivory Nut, Indian Carving,	New Mexico.
13	Frog and Fork Carved from Wood by Indians,	Alaska.
5	Pottery, Jug and Basket,	Arizona.
30	Basket Work Around Bottle,	Alaska.
1	Model of Canoe,	Alaska.
7	Sea Snail Shell,	Pacific Coast.

NO.	SPECIMEN.	LOCALITY.
4	Ostrich Egg,	Pacific Coast.
20	Red Abalone Shell,	Pacific Coast.
11	Black Abalone Shell,	Pacific Coast.
21	White Abalone Shell,	Pacific Coast.
24	Sea Shells,	Pacific Coast.
23	Mussell Shells,	Pacific Coast.
16	Sea Snail Shell,	Pacific Coast.
19	Mother of Pearl Shell,	Pacific Coast.
12	Mussell Shell,	Pacific Coast.
18	Smoked Mother of Pearl Shell,	Japan.
23	Sea Shells, 12 Specimens,	Japan.
34	Amethyst Crystals,	Montana.
15	Star Fish,	Pacific Coast.
6	Cup from Whale's Backbone,	California.
8	Petrified Wood,	Arizona.
35	Fragment of Shell Fired During Engagement Between Merrimac and Monitor.	
14	Sand Thrown up by Earthquake, Charleston.	
7	Jug with Mineral Deposited On It.	
29	Nest of Trap Door Spider.	
10	Sea Urchin, California. Picture of the Oldest House in the United States on Orangewood.	

NOTE :—All the above loaned to Museum.

#### FISH ON WALL.

108	Sturgeon,	Pasquotank.
109	Sail Fish,	Carteret.
110	Tarpon,	New Hanover.

#### BIRDS ON CASES.

Golden Eagles, 3 Specimens,	Buncombe.
White Pelican,	Buncombe.
Bald Eagle,	Vance.
Wild Turkey,	Craven.
Skull of Elephant.	

## MISCELLANEOUS ON WALL.

NO.	SPECIMEN.	LOCALITY.
	Six Pairs of Deer Antlers.	
	Shark Hook and Line.	
	Map of North Carolina Coast.	
	World's Fair Diploma for Fish Exhibit.	
	Two Plates of Whalebone.	
	Three Model Fyke Nets.	
	Model Pound Net.	
	Model Seine.	
	Three Model Gill Nets.	
	Skim Net.	
	Head of Spear Fish,	Carteret.
	Boat Anchor,	Carteret.
	Sturgeon Gaff,	Carteret.

## CASE CXVIII.

Mounted Alligator,	Brunswick.
Alligator Jaw.	

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## MOUNTED FISH.

## CASE CXIX.

## Salt-Water Fish:

1 Sea Mullet,	Carteret.
2 Whiting,	Carteret.
3 Whiting,	N. Hanover.
4 Oyster Fish,	N. Hanover.
5 Spot,	Carteret.
6 Pin Fish,	Carteret.
7 Tarpon,	Carteret.
8 Hog Fish,	Carteret.
9 Pin Fish,	Carteret.
10 Sheep's Head,	Carteret.
11 Red Drum,	Carteret.

NO.	SPECIMEN.	LOCALITY.
12	Flounder,	Carteret.
13	Porgie, Sharks' Jaws, 3 Pair. Saw Fish Saws, 5 Large Specimens. Saw Fish Saw, One Small. Fossil Sharks' Teeth, Two Large.	Carteret.

## CASE CXX.

14	Flounder,	Carteret.
15	Razor Fish,	N. Hanover.
16	Hog Fish,	N. Hanover.
17	Whiting,	Carteret.
18	Green Gar,	Carteret.
19	Black Drum,	N. Hanover.
20	Menhaden,	Carteret.
21	Black Will,	Carteret.
22	Croaker,	Carteret.
23	Orange Filefish,	Carteret.
24	Croaker,	Carteret.
25	Sheep's Head,	N. Hanover.
26	Cow Fish,	Carteret.
27	Porcupine Fish.	
28	Cow-Fish, Sharks' Jaws, 2 Pair. One Jar Menhaden Scrap.	Carteret.

## CASE CXXI.

29	Red Drum,	Carteret.
30	Gray Trout,	Carteret.
31	Cabio,	Carteret.
32	Speckled Trout,	Carteret.
33	Red Drum,	N. Hanover.
34	Gray Trout,	Carteret.
35	Cabio,	Carteret.
36	Black Will,	N. Hanover.
37	Speckled Trout,	Carteret.
38	Black Will,	Carteret.

NO.	SPECIMEN.	LOCALITY.
39	Sheep's Head,	Carteret.
40	Black Fish,	Carteret.
41	Sea Bream,	New Hanover.
42	Red Mouthed Grunt,	New Hanover.
43	White Boned Porgie, Model of Ship,	New Hanover. Carteret.
	Model of Schooner,	Carteret.
	One Jar Trout Sounds,	Carteret.
	Sound Pullers, 5 Specimens,	Carteret.

## CASE CXXII.

44	Dolphin,	Carteret.
45	Scabbard Fish,	Carteret.
46	Dolphin,	Carteret.
47	Creyalle,	Carteret.
48	Pompano,	New Hanover.
49	Crevalle,	New Hanover.
50	Bonito,	Carteret.
51	Pompano,	Carteret.
52	Rudder Fish,	New Hanover.
53	Moonfish,	Carteret.
54	Thread Fish,	Carteret.
55	Thread Fish,	Carteret.
56	Toad Fish, 3 Large Fossil Clams.	Carteret.
	9 Pieces of Sponge,	Coast.
57	Spanish Mackerel,	Carteret.
58	Sero,	Carteret.
59	Spanish Mackerel,	Carteret.
60	Bluefish,	Carteret.
61	Spanish Mackerel,	Carteret.
62	Bluefish,	Carteret.
63	Spanish Mackerel,	Carteret.
64	Sero,	Carteret.
65	Spanish Mackerel, Two King Crabs. One Stone Crab.	New Hanover.

NO.	SPECIMEN.	LOCALITY.
	Two Large Star Fish.	
	Three Pieces Gorgonia.	

## CASE CXXIV.

66	Herring,	Bertie.
67	Striped Mullet,	New Hanover.
68	Herring,	Bertie.
69	Shad,	Bertie.
70	Striped Bass,	Chowan.
71	Striped Mullet.	
72	Hairy Back,	Bertie.
73	White Perch,	Chowan.
74	Sturgeon,	New Hanover.
75	Striped Bass,	New Hanover.
76	Striped Mullet,	Carteret.
77	Striped Bass,	Craven.
78	White Perch,	Craven.
79	Sturgeon,	New Hanover.
	Six Pieces Gorgonia.	
	Model Steam Flat.	
	Section of Great Seine Warp.	
	Thirteen Small Star Fish.	

## FRESH WATER FISH.

## CASE CXXV.

80	Carp, Variety Scale,	Wake.
81	Carp, Variety Scale,	Bertie.
82	Grindle,	Craven.
83	Grindle,	New Hanover.
84	Carp, Variety Mirrow,	Wake.
85	Gar,	New Hanover.
86	Carp, Variety Leather,	Wake.
87	Redhorse,	Chowan.

NO.	SPECIMEN.	LOCALITY.
88	Sucker,	Chowan.
89	Banded Pickerel,	Chowan.
90	Chain Pickerel,	Chowan.
91	Carp, Mirrow,	Wake.
92	Gar,	Bertie.
	Stake with Oysters Growing on It.	
	One Piece Brain Coral.	
	One Fossil Clam.	
	Three Skates' Eggs.	
	Two Sea Urchins.	
	Four Large Shells.	
	Two Strings Conch Eggs.	

## CASE CXXVI.

93	Small Mouthed Black Bass,	Chowan.
94	Common Sunfish,	Craven.
95	Yellow Perch,	Craven.
96	Common Sunfish,	Craven.
97	Small Mouthed Black Bass,	New Hanover.
98	Large Mouthed Black Bass,	Craven.
99	Yellow Perch,	Chowan.
100	Wall Eyed Pike,	Chowan.
101	Yellow Perch,	Bertie.
102	Large Mouthed Black Bass,	Chowan.
103	Long Eared Sunfish,	Bertie.
104	Blue Bream,	New Hanover.
105	} Large and Small Mouthed Bass,	Craven.
106		
107	Long Eared Sunfish,	New Hanover.
	Two Tails of Sting Ray.	

## INDIAN RELICS.

## CASE CXXVII.

Soapstone Pot,	Wilson.
War Apron of Osceola, (loaned).	

NO.	SPECIMEN.	COUNTY.	LOCALITY.
	Indian Pipes of Soapstone,		Buncombe.
	Indian Shell Heads,		Burke.
	Cooking Pot of Soapstone,		Guilford.
	Wooden Pestle Found in Bog,		Onslow.
	Indian Cup.		
	Earthenware Lamp.		
	Round Stones from Indian Mounds (4 Specimens).		
	Beads,		Burke.
	Skeleton of Indian,		Wilkes.
	Stone Pestle from Indian Mound.		
	Stone for Dressing Skin.		
	Arrow Heads (29 Specimens).		
	Stone Axes (6 Specimens).		
	Conical Stone for Dressing Skin (5 Specimens).		
	Disk Stones from Mounds (4 Specimens).		
	Spear Head, 7 Inches Long.		
	Stone Ornament.		

## UNFINISHED SPECIMENS.

Virginia Deer, Buck.
Virginia Deer, Doe.
Virginia Deer, Fawn, 6 Months Doe.
Virginia Deer, Fawn, Very Young, in Pickle.
Virginia Deer, Fawn, Very Young, in Pickle.
Black Bear, Male Cub.
Black Bear, Female Cub, Very Small, in Pickle.
Opossum, 3 Adult and 8 Young, on Natural Stump.
Muskrat, Female, in Pickle.
Loon, Female.
Horned Grebe.
Golden Eyed Duck, Female.
Baldpate, Female.
Wood Duck, Female.
Blackhead Duck, Male.
Hooded Merganser, Male, Imm.
Bonaparte's Gull, Young, Winter Plumage, Male.
Bonaparte's Gull, Young, Winter Plumage, Female.
Bonaparte's Gull, Adult, Winter Plumage.

## NO. SPECIMEN.

- Forster's Tern, Male, Winter Plumage.  
Forster's Tern, Female, Winter Plumage.  
Common Tern, Adult.  
Clapper Rail.  
Red Backed Sandpiper, Summer Plumage.  
Red Backed Sandpiper, Winter Plumage.  
White Rumped Sandpiper, Imm.  
Least Handpiper.  
Black Bellied Plover, Winter Plumage.  
Nine Partridges, Bob White.  
Semi-Palmated Plover.  
Horned Lark.  
Towhee, Male.  
Towhee, Female.  
Red Shouldered Hawk, Imm.  
Red Shouldered Hawk, Imm., Flying.  
Red Shouldered Hawk, Imm., Flying.  
Red Tailed Hawk, Imm., Flying.  
Barn Swallow, Female.  
Barn Swallow, Male.  
Tree Swallow.  
Great Crested Flycatcher.  
Pewee.  
Yellow Throated Warbler.  
Parula Warbler.  
Blackburnian Warbler.  
White Eyed Vireo.  
Ruby Throated Humming Bird, Male.  
Red Headed Woodpecker, Imm.  
Red Bellied Woodpecker.  
Three Partridges.  
One Robin.  
One Crow Blackbird.  
One Red Winged Blackbird.  
Yellowlegs, Male.  
Yellowlegs, Female.  
Common Tern, Adult.

Spotted Sandpiper.  
Ruffed Grouse, Male.  
Ruffed Grouse, Female.  
Golden Eyed Duck, Female.  
Ruby Crowned Kinglet.  
Blue Gray Gnatcatcher.  
Great Crested Flycatcher.  
Black Billed Cuckoo.  
Solitary Sandpiper.  
Loggerhead Shrike.  
Golden Pheasant, Female.  
Logcock, Male.  
Logcock, Female.  
Blue Gray Gnatcatcher.  
Ruby Crowned Kinglet.  
Maryland Yellow-Throat.  
Catbird.  
Least Bittern.  
Broad Winged Hawk.  
Red Headed Woodpecker, Imm.  
Yellow Billed Cuckoo.  
Paruld Warbler.  
Gold Crowned Knight.  
Maryland Yellow Throat.  
Yellow Breasted Chat.  
Tree Swallow.  
Bobolink.  
Red Headed Woodpecker.  
Magnolia Warbler.  
Black Throated Green Warbler.  
Blue Grosbeak.  
Rose Breasted Grosbeak, Male.  
Rose Breasted Grosbeak, Female.  
Fox Sparrow.  
Chimney Swift.  
Bluebird.  
Yellow Bellied Sapsucker.

Orchard Oriole.  
Hooded Warbler.  
White Eyed Vireo.  
Summer Tanager.  
American Pipit.  
Cardinal.  
Gold Crowned Kinglet.  
Yellow Throated Warbler.  
YellowBreasted Chat, Male.  
Ovenbird.  
Fox Sparrow.  
Yellow Throated Vireo, Male.  
Redstart.  
Yellow Warbler.  
Cedar Bird.  
Yellow Warbler, Female.  
Chimney Swift.  
Scarlet Tanager.  
Redstart, Female.  
Pewee.  
American Pipit.  
American Robin.  
Yellow Bellied Sapsucker, Male.  
Red Breasted Nuthatch.  
Wood Thrush.  
Brown Thrasher.  
Red Crossbill.  
Baltimore Oriole.  
Louisiana Water Thrush.  
Bullbat.  
Cardinal.  
Carolina Wren.  
Carolina Wren, Female.  
Horned Lark.  
Ovenbird.  
Wood Thrush.

Scarlet Tanager, Female.  
Red Winged Blackbird.  
Catbird.  
Kentucky Warbler.  
Cowbird.  
Black and White Warbler.  
Semi-palmated Plover.  
Ringbilled Gull.  
Baltimore Oriole.  
Yellow Breasted Chat.  
Yellow Bellied Sapsucker.

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## PICTURES IN WING FRAMES Nos. 128 TO 133 INCLUSIVE.

## PICTURES IN STANDS, FRAME 128.

Fish Trap, near Edenton.  
State Exposition, 1884.  
Railroad Wharf, Morehead City.  
The Swannanoa, Buncombe County.  
Vanderbilt's Lumbering Camp, Transylvania County.  
Dredging Machine in Cypress Swamp, Robeson.  
The French Broad, Madison County.  
The French Broad, Southern Railway, Madison County.  
The Swannanoa, Buncombe County. •  
Raleigh Water Works Pond.  
Granite Formations, Rowan County.  
Foothills of the Mountains.  
Narrows of the Yadkin.  
A Wake County Road.  
Morehead City.  
Mountain Scene.  
Near Esmeralda Inn, Hickory Nut Gap.  
River Scene.

- River Scene.  
River Scene.  
Whiteside Mountain.  
Above the Clouds.  
Bridge Over River.  
State University.  
Cherokee Indian Home, Swain County.  
Bridge Over River.  
Granite Boulders.  
Marble Quarry, Cherokee County.  
Buncombe County Scenery.  
Wreck Near Statesville, Iredell County.  
Lumbering in Cypress Swamps, Robeson County.  
Hickory Nut Falls, Rutherford County.  
Linville Falls.  
Chimney Rock.  
State Exposition, 1884.  
Department of Agriculture Building, Raleigh.  
Dr. R. H. Lewis' Farm, Wake County.  
Terrapin Farm, Beaufort County.  
View on Drugg Farm, Near Morehead City.  
Linville Gorge.  
Near Esmeralda Inn.  
Mountain Scene.  
Mountain Scene.  
French Broad from Richmond Hill.  
Hotel Fountain and Viaduct.  
Sluice Mining.  
Jones' Mill, Balsam Gap.  
Bend on Roanoke River.  
Geological Formations.  
Geological Formations.  
Bailey's Bend, French Broad River.  
Stream in Buncombe County.  
The Swannanoa, Buncombe County.  
Near Round Knob, McDowell County.  
High Falls, Little River, Transylvania County.

- In Vanderbilt's Lumbering Camp, Transylvania County.  
Farm Scene in Rutherford County.  
State Exposition, 1884.  
State Exposition, 1884.  
A Raleigh Residence.  
Youpon Tree, Wilmington.  
Bridge Over River.  
Bridge Over River.  
The Swannanoa, Buncombe County.  
The Black Mts., Mitchell County.  
Green River, Rutherford County.  
Along the French Broad, Buncombe County  
The Swannanoa, Buncombe County.  
In the Craggies, Buncombe County.  
Pond in Oakwood Cemetery, Raleigh.  
Piedmont Region.  
St. Mary's School, Raleigh.  
Acme Manufacturing Company's Works, Cronly.  
Beach at Smith's Island.  
Ashe County Farm.  
Steamer Wilmington at Southport.  
Falls Near Hot Springs, Madison County.  
Catawba Falls, McDowell County.  
Scenery in Buncombe County.  
Vanderbilt's Lumbering Camp, Transylvania County.  
Scene on the Swannanoa, Buncombe County.  
State Exposition.  
Geological Formation.  
Raleigh Water Works.  
Pullen's Church, Raleigh.  
Narrows of the Yadkin.  
Ft. Defiance, Home of the Lenoirs, Caldwell County.  
Near Esmeralda Inn.  
Swannanoa River.  
View from Summit of Paint Rock.  
Geological Formations.  
Gold Bearing Gravels, Sam Christian Mine.  
Alligator Lake, Hyde County.

## FRAME CXXIX.

- Pump House on Creek, Raleigh Water Works.  
Insane Asylum Farm Near Raleigh.  
California Shaft, Sam Christian Mine.  
Institution for Blind, Raleigh.  
View of Town.  
Postoffice in Mountains.  
The Swannanoa, Buncombe County.  
Mountain Pasture, Buncombe County.  
On the Craggies, Buncombe County.  
Farm near Rolesville, Wake County.  
Pamlico River and Chocowinity Bay.  
Hiwassee River, Cherokee County.  
Main Entrance Insane Asylum, Raleigh.  
Windmill at Beaufort.  
Hand Seine Fishing.  
State Capitol, South Entrance, Raleigh.  
Park Hotel, Raleigh.  
Mills Manufacturing Company, Raleigh.  
Old State Fish Hatcheries.  
State Exposition, 1884.  
Cotton Field, Dunn's Mt., Rowan County.  
Site of the "Charlestown" Settlement on Cape Fear River  
by Sir Joshua Yeomans in 1665.  
Youpon Tree, McRae Residence, Wilmington.  
Old Town of Bath, Pamlico River.  
Peace Institute, Raleigh.  
A Raleigh Residence.  
View on Spring Creek.  
French Broad from Strawberry Hill.  
A Shady Nook.  
French Broad from Strawberry Hill.  
Chimney Rock.  
Conestee Falls.  
State Exposition, 1884.  
State Exposition, 1884.

- Iron Bridge over River (under Construction).  
Sharpie, Beaufort Harbor.  
Landing Seine at Avoca.  
Landing Seine at Avoca.  
Geological Formation.  
Bracebridge Farm, Edgecombe County.  
Mountain Farm, Ashe County.  
Summer Residence at Blowing Rock.  
A Raleigh Residence.  
Mansion on Orton Farm, near Wilmington.  
French Broad River at Paint Rock.  
Geological Formation.  
Turpentine Still, Exposition 1884.  
Tar River, Edgecombe County.  
New River Region, South Fork, Ashe County.  
Mansion on Orton Farm, Brunswick County.  
Pinnacle of the Grandfather Mt.  
Orton's Rice Farm, Brunswick County.  
Mt. Pisgah, from Asheville.  
The French Broad, Buncombe County.  
Green River, Rutherford County.  
State Exposition, 1884.  
State Exposition, 1884.  
State Exposition, 1884.  
Barracks of Horner's School, Oxford, N. C.  
Mountain Grass Farms, Yancey County.  
Ship Yard, New Bern.  
Scene in Beaufort County.  
Orton Rice Farm on Cape Fear River.  
Alligator Lake, Hyde County.  
Jefferson, Ashe County.  
Hermit of Pungo Lake, Washington County.  
Mountain Farm, Ash County.  
Clouds, Blowing Rock.  
Geological Formation.  
Farms Along the Mountains.  
Mountain Stream.

Old Iron Forge.  
Steam Seine Boat, Albemarle Sound.  
State Exposition, 1884.  
State Exposition, 1884.  
Morehead City.  
The Craggies, Buncombe County.  
In the Craggies, Buncombe County.  
Farm in Rutherford County.  
Salting Herring, Albemarle Section.  
Grandfather Mt., Caldwell County.  
Old State Fish Hatcheries, Wake County.  
Washington on the Pamlico.  
Geological Formation.  
Black Jack Lands.  
State Exposition, 1884.  
Pilot Cotton Mills, Raleigh.  
State University, Chapel Hill.  
Bridge Over River.  
Talc Mine and Mill, Cherokee County.  
Region About Mt. Airy, Surry County.  
In the Piedmont Section.  
Great Fill on the Western Railroad.  
Grandfather Mt.

## FRAME CXXX.

Laboratory, State University.  
View of Town.  
U. S. Engineer Boat, Roanoke River.  
View Near Blowing Rock.  
Bridge Over River.  
Bridge Over River.  
Showing Geological Formations.  
Primitive Gold Washings.  
Ore Furnace.  
A County Exhibit at State Exposition, 1884.  
Lenoir, N. C.  
State Exposition, 1884.  
Bracebridge Farm, Edgecombe County.

- An Old Forge.  
Narrows of Yadkin River.  
Farms in the Happy Valley, Caldwell County.  
Showing Geological Formations.  
Showing Geological Formations in Railway Cut.  
In Hyde Park.  
From Near Rolesville, Wake County.  
Bridge Over River.  
State Exposition, 1884.  
Geological Formation.  
Rockingham County Exhibit at Exposition, 1884.  
View on French Broad River, Madison County.  
The Craggies, Buncombe County.  
View from Chimney Rock, Rutherford County.  
Round Knob, McDowell County.  
Lover's Leap, Madison County.  
On Reem's Creek, Buncombe County.  
View of House and Yard.  
Machinery Shed, Exposition 1884.  
Jefferson, Ashe County.  
River Scene, Eastern North Carolina.  
Loading Truck on Boats.  
Mountain Farm, Surry County.  
Farm View.  
Bailey's Bend, French Broad River.  
Geological Formation.  
Mullet Fishing.  
Farm in Happy Valley, Caldwell County.  
Landing Menhaden at Factory.  
Bridge Over River.  
State Institution for Colored Deaf, Dumb and Blind.  
State Penitentiary, Raleigh.  
State Exposition, 1884, Silk Exhibit.  
State Exposition, 1884, University Exhibit.  
State Exposition, 1884, Exhibit of Looms.  
River View.  
Hall Station, Murphy Railway.

- Paint Rock, Profile.  
Cæsar's Head.  
Devil's Court House.  
French Broad from Strawberry Hill.  
State University.  
Cherokee Indian Band.  
Memorial Hall, State University.  
Pilot Mountain.  
N. E. Branch Cape Fear River.  
Planting Rice.  
Fishing for Menhaden.  
Wharf at Morehead.  
Purse Seine Fishing.  
Round House, Raleigh.  
Near Blowing Rock.  
A Wake County Road.  
Bridge Over River.  
Ruins of Old Brunswick Church.  
Old Confederate Fort Near Brunswick Church.  
Hyde Park Deer Reserve.  
Old Windmill Near Beaufort.  
State Exposition, 1884, Cotton Manufacturing Exhibit.  
State Exposition, 1884, Salem Female Academy Exhibit.  
State Exposition, 1884, Randolph County Exhibit.  
State Exposition, 1884, New Hanover County Exhibit.  
State Exposition, 1884, an Exhibit.  
Granite Boulders, Dunn's Mountain, Rowan County.  
A Summer Residence on the Mountains.  
Reservoir Lake, Orton Plantation.  
Farms Among the Mountains, Ashe County.  
Ruins of Old Church, Brunswick.  
Pot Holes.  
Marble Quarry, Cherokee County.  
Hiwassee River.  
Whiteside Mountain.  
High Falls.  
The Three Senators.

R. R. Bridge Near Marshall.

Monntain House.

Whiteside Mountain.

FRAME CXXXI.

River View, with Mill.

Swannanoa River, near Asheville.

On the Mountain Tops.

Yellow Hill, Swain County.

Big Fill on W. N. C. R. R.

The French Broad.

R. R. at Round Knob.

Nantahala River Gorge.

Scuppernong Grape Vine.

Fort Macon.

Along the French Broad River.

Cabbage Field near New Bern.

Nantahala Gorge.

View near Asheville.

Drifting Dunes on the Coast.

French Broad River View.

Preparing Fish for Market.

Mountain Scene.

Falls on Green River.

Hiwassee River.

Fonntain at Round Knob.

Limestone Bluffs, French Broad River.

Richland Creek, Haywood County.

River Scene, in the Mountains.

Fish Factory.

Mountain Scene.

Kenilworth Inn, Asheville.

Waynesville.

Old West Building, University of North Carolina.

Cabbage Field near New Bern.

Granite Quarry.

View on French Broad River.

Nantahala Gorge.

Landing Seine.  
Beaufort from Bird Shoals.  
Andrews, Cherokee County.  
Insane Asylum, Raleigh.  
Ascent of Blue Ridge at Round Knob.  
University of North Carolina.  
On the French Broad River.  
Trucking, Cabbage Field near New Bern.  
Trucking, Cabbage Field near New Bern.  
Asheville from Richmond Hill.  
State Normal School for Girls, Greensboro.  
Asheville, from Front of Battery Park.  
The Nantahala River.  
Mountain Valley.  
Drying Nets on Beach.  
Gorge of the Nantuhala River.  
State Capital.  
River Bluffs.

## FRAME CXXXII.

State University.  
Showing Geological Formations.  
Mountain Tops.  
County Exhibit at State Exposition, 1884.  
Geological Formations.  
Showing Geological Strata.  
Placer Washing, Sam Christian Mine.  
Old Time Farming on the Roanoke.  
Ascent of Blue Ridge at Round Knob.  
Geological Formations.  
Limestone Caverns on the French Broad.  
Pocasin Forest.  
Alligator Lake, Hyde County.  
Alligator Lake, Hyde County.  
Showing Geological Formations.  
Guilford County Exhibit, State Exposition, 1884.  
Orange County Exhibit, State Exposition, 1884.  
Agricultural Exhibit, State Exposition, 1884.

- In the Craggies, Buncombe County.  
On Little River, Transylvania County.  
Murphy Division, Southern Railroad.  
Granite Boulders, Dunn's Mt.  
Geological Formation.  
Geological Formations.  
Smith River, Rockingham County.  
An Ashe County Farm.  
Smith's Island Sand Dunes.  
Hickory Nut Gap.  
Hickory Nut Gap, from Broad River.  
French Broad River, from Connelly's.  
Scene on the French Broad River, Madison County.  
Country Drive, Buncombe County.  
Southern Railway, Round Knob.  
Cliff Ridge, Nantahala Gorge.  
Phœnix Mt., Ashe County.  
Pot Hole Rapids.  
Alligator Lake Canal, Hyde County.  
Alligator Lake, Hyde County.  
Oyster Fleet, Washington, N. C.  
Lumbering in Robeson County.  
Paint Fork, Madison County.  
Omakaluka Cascades, Macon County.  
Nantahalla Falls, Macon county.  
Whiteside Mountain, Macon County.  
Railway Near Round Knob.  
Mountain Rapids.  
Chilian Mill and Rockers.  
A County Physician's Office, Ashe County.  
Railroad Bridge Over Roanoke River.  
Pot Holes, Swain County.  
Geological Formation, Showing Phosphates.  
Southern Railway, Haywood County.  
Near Chimney Rock, Rutherford County.  
In the Craggies, Buncombe County.  
Spring Creek Falls, Madison County.

French Broad, Madison County.  
Little River, Transylvania County.  
Orton Rice Farm.  
White Oak Trees, Chapel Hill.  
Sam Christian Placer Gold Mine.  
Pine Lumber Yard, Chowan River.  
Geological Formation.  
Monntain View.  
Convicts Working on Roanoke River Canal.  
A Beaufort Harbor Sharpie.  
Residence, Raleigh.  
State University.  
View in Federal Cemetery.  
Youpon Trees, Wilmington.  
Bridge on Wake County Road.  
A Corner of Forestry Exhibit at State Exposition, 1884.  
Bay of Bath, Captain Kidd's Retreat.  
Round Knob.  
Manufacturing Turpentine Barrels.  
Caraleigh Mills, Raleigh.  
Geological Formation.  
Scene in Federal Cemetery, Raleigh.

## FRAME CXXXIII.

Mountain and River Scene.  
Residence.  
Mountain and Railroad Scene.  
Mountain, Gorge and Railroad Scene.  
Atlantic Hotel, Morehead City.  
Paint Rock.  
Tuckaseegee River, above Bryson City.  
Ascent of the BlueRidge, Near Round Knob.  
Mountain and River Scene.  
Old Fort Raleigh, Roanoke Island.  
Coast Scene, Steamers and Seines.  
Fishery on Sound.  
Mountain and Village Scene.  
Valley and River Scene.

- Oyster Cannery, Beaufort.  
Coast Scene.  
Railroad and River Scene.  
Jones Mill, Near Balsam Gap.  
River Scene.  
Mount Airy Granite Quarry.  
Mountain Summer Resort.  
A Country Home.  
Coast Scene, Roanoke Island.  
Near Paint Rock.  
Blast Furnace, Greensboro.  
Sound Scene.  
University of North Carolina.  
Nantahala Gorge.  
University of North Carolina.  
University of North Carolina.  
Nantahala Gorge.  
French Broad Near Paint Rock.  
Mountain and Valley Scene.  
Railroad and River Scene.  
Valley and River Scene.  
Village in Valley.  
Harbor Scene.  
Mountain Scene.  
Life Saving Station Near Cape Lookout.  
Valley and River Scene.  
Swannanoa Gap from Top of Tunnel.  
River and Mountain Stream.  
Railroad and Mountain Scene.  
Railroad and Mountain Scene.  
River Scene in Mountains.  
Village in Mountains.  
Pot Hole Rapids, Tuckaseegee River.  
Graystone Granite Quarry.  
Turtle Rock, French Broad River.  
Quarry Cliff, Nantahala Gorge.

River and Valley Scene.

River and Mountain Scene.

MISCELLANEOUS PICTURES ON WALL.

Cape Lookout, Light House.

Tuckaseegee River, above Bryson City.

University of N. C., Chapel Hill.

Map of North Carolina.

Thompson's Orphanage and Training Institute, Charlotte.

On the French Broad River, Over-hanging Rock.

Map of N. C., Distribution of Iron Ores.

Quarry Cliff, Nantahala Gorge.

A Farm House and Farm in the Mountains.

Five Small Frames with 6 Pictures each and 2 Large Frames with 2 Pictures Each, Unhung.

Six (6) Frames of 4 Pictures Each of Roads of Mecklenburg Co., leading to Charlotte.

Pictures of International Expositions at Vienna., 1873.

STATISTICS, MAPS AND VIEWS OF WILMINGTON.

FRAME CXXXIV, IN HALL.

In Stand :

Cotton Steamer and Champion Compress.

Map of New Hanover County.

Hilton Park, Wilmington.

Lumber Schooners, Wilmington.

Lumber Schooners at Northrop's Mill.

Map Showing Commercial Connections of Wilmington.

Wilmington Shell Road.

Wrightsville Beach.

In Wing Frame :

Navassa Fertilizer Works.

Heide's Truck Farm.

Wilmington Rice Mill.

Naval Store, Yard and Warehouse.  
Saw Mill.  
Wilmington Harbor.  
Saw Mill.  
Lumber Mill and Work Shops.  
Lumber Mill on Northeast River.  
Postoffice Building.  
Public School Building.  
Wilmington Turnpike Road.  
Lumber Mill and Shipping Yard, Chadboune & Co.  
Lumber Mill and Shipping Yard, Chadboune & Co.  
Wilmington Turnpike Road.  
Wilmington Cotton Mill.  
Wilmington Compress and S. A. L. Railroad Yards.  
Cotton Seed Oil Mill.  
Fertilizer Factory, Powers, Gibbs & Co.  
Navassa Fertilizer Works.  
Beach Sand Dunes and Forest.  
Young Long Leaf Pine Forest.  
Lumber Mill and Shipping Yard.  
Glimpse of Wilmington Harbor.  
Lumber Mill and Shipping Yard.  
Lumber Schooners.  
Port of Wilmington Harbor.  
Wrightsville Beach.  
Wrightsville Beach, North End.  
Hilton Park.  
Lumber Schooners (2 Views).  
Wrightsville Beach.  
County Court House.  
Public School Building.  
Turnpike Road at Wrightsville.  
Rice Fields Flooded.  
Planting Rice.  
Orton Rice Plantation.  
Palmetto Trees.  
Fishing Boat.

Diamond Back Terrapins.  
Wilmington Cotton Compress.  
Railroad Bridge over Northeast River.  
Wrightsville Beach.  
Orton Mansion.  
Lake for Flooding Rice Fields.  
Preparing for Rice Planting.

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## MISCELLANEOUS COLLECTION IN HALL.

Smoke Stack of Confederate Ram, Albemarle.  
Crystal to Feldspar, 2½ Feet Long, from Black Mountain.  
Fifty Bottles of Mineral Water.  
Jawbone of Whale, 12 Feet Long, Killed near Beaufort.  
Lower Jawbone of Whale, 12 Ft. Long, Killed near Beaufort.  
Whale Bone, 6 Feet Long.  
Two Large Fossil Whale Vertebræ, 14 Inches in Diameter.  
Large Mass of Magnetite, 22x14x13 Inches, Cranberry.  
Twenty Large Glass Jars of Mineral Water.  
Part of Fossil Cranium of Whale, Halifax County.  
Large Mass of Magnetite Iron Ore, Cranberry.













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